

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

ESTABLISHMENTS AND PRODUCTS

LICENSED UNDER SECTION 351 OF THE PUBLIC HEALTH SERVICE ACT



PUBLIC HEALTH SERVICE PUBLICATION NO. 50
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**DIVISION OF BIOLOGICS STANDARDS
NATIONAL INSTITUTES OF HEALTH
BETHESDA, MARYLAND 20014**

INTRODUCTION

Public Health Service Publication No. 50 contains listings of establishments holding licenses issued in accordance with section 351 of an act of Congress approved July 1, 1944, entitled "Public Health Service Act" (42 U.S.C. 201, et. seq.), and products which these establishments are licensed to manufacture. Section 351 of this act is designed to regulate the sale, barter and exchange of viruses, serums, toxins, antitoxins, vaccines, blood, blood components or derivatives, allergenic products, or analogous products, or arsphenamine or its derivatives (or any other trivalent organic arsenic compound) in the District of Columbia, in interstate and foreign commerce, and for other purposes.

The granting of a product license means that it has been demonstrated that the establishment and the product for which a license has been issued have met all applicable standards (published in Title 42, Code of Federal Regulations, Part 73) designed to insure the continued safety, purity and potency of such products. The licenses granted to these establishments for the products mentioned do not imply an endorsement of the respective preparations nor do they make the Government a guarantor or insurer of the safety, purity and potency of such licensed products. A license issued to an establishment to manufacture a particular product remains valid until revoked or suspended for failure of such establishment or product to comply with the applicable regulations designed to insure the continued safety, purity and potency of such products or by voluntary surrender of such license by the manufacturer.

This publication consists of four parts:

- Part I Licensed establishments listed alphabetically with license number. This section may be used as an index to Part II as it also contains a listing of page numbers.
- Part II Licensed establishments listed numerically by license number and the products each establishment is licensed to manufacture.
- Part III An alphabetical list of biologic products with the license number of each establishment licensed to manufacture each product.
- Part IV An alphabetical list of biologic products by category.

ALPHABETICAL LIST OF LICENSED ESTABLISHMENTS

PART I

Establishment and License Number	Page No.
A/B KABI #325	43
ABBOTT LABORATORIES #43	12
ADVANCE BIOFACTURES CORPORATION #383	49
ALEXANDRIA HOSPITAL BLOOD BANK #355	46
ALLERGY LABORATORIES, INC. #103	17
ALLERGY LABORATORIES OF OHIO, INC. #407	52
ALLERGY SPECIFICS, INC. #412	53
ALLIED PLASMA CORP. #418	54
AMERICAN BLOOD BANK SERVICE, INC. #422	55
AMERICAN BLOOD COMPONENTS, INC. #414	53
AMERICAN NATIONAL RED CROSS (THE) #190	30
ANDREN, INC. #409	53
ARLINGTON HOSPITAL BLOOD BANK #310	42
ARMOUR PHARMACEUTICAL COMPANY #149	21
ATLANTIC CLINICAL LABORATORY BLOOD BANK, INC. #374	48
AURORA AREA BLOOD BANK #222	33
BANCO DE SANGRE METROPOLITANO, INC. #347	45
BARRY LABORATORIES, INC. #119	18
BEECHAM GROUP, LTD. #364	47
BEHRING DIAGNOSTICS, INC. #157	23
BEHRINGWERKE AG. #97	16
BELLE BONFILS MEMORIAL BLOOD BANK #166	26
BERGEN COMMUNITY BLOOD BANK #274	39
BERKELEY BIOLOGICALS #334	44
BEVERLY BLOOD CENTER, INC. #269	38
BIOPRODUCTS RESEARCH LABORATORIES, INC. #416	54
"BIOTEST"-SERUM-INSTITUT GMBH #433	56
BLOOD BANK OF THE ALAMEDA-CONTRA COSTA MEDICAL ASSOCIATION #191	30
BLOOD BANK OF ALASKA, INC. #361	47
BLOOD BANK OF THE BRYN MAWR HOSPITAL #266	37
BLOOD BANK OF DEACONESS HOSPITAL, INC. #399	51
BLOOD BANK FOUNDATION #165	25
BLOOD BANK OF HAWAII #199	31
BLOOD BANK OF THE MARYLAND GENERAL HOSPITAL #375	48
BLOOD BANK, N.C. MEMORIAL HOSPITAL, UNIVERSITY OF NORTH CAROLINA #314	42
BLOOD BANK OF ST. LUKE'S HOSPITAL (DULUTH) #267	37
BLOOD BANK OF SAN BERNARDINO AND RIVERSIDE COUNTIES, INC. #226	34
BLOOD BANK AND SERUM SERVICE, INC. #404	52
BLOOD BANK OF THE WASHINGTON HOSPITAL CENTER #213	32
BLOOD GROUPING LABORATORY #215	33
BLOOD GROUPING LABORATORY OF BOSTON, INC. #159	24
BLOOD SERVICES #183	29
BROEMMEL PHARMACEUTICALS #372	48
BROOME COUNTY BLOOD CENTER #220	33
CALIFORNIA TRANSFUSION SERVICE #178	27
CENTER LABORATORIES, INC. #193	31

CENTRAL BLOOD BANK OF PITTSBURGH #234	34
CENTRAL BLOOD SERVICE, INC. #333	43
CENTRAL CALIFORNIA BLOOD BANK #315	42
CENTRAL FLORIDA BLOOD BANK, INCORPORATED #227	32
CENTRAL LABORATORY OF THE NETHERLANDS RED CROSS, BLOOD TRANSFUSION SERVICE #379	49
CHATTANOOGA BLOOD CENTER, INC. #401	52
CHICAGO BLOOD DONOR SERVICE, INC. #169	26
CLEVELAND BIOLOGICALS, INC. #301	41
COFFEE MEMORIAL BLOOD CENTER, INC. #246	36
COLUMBUS BIOLOGICALS, INC. #419	54
COMMUNITY BLOOD BANK OF CENTRAL IOWA #389	50
COMMUNITY BLOOD BANK OF THE KANSAS CITY AREA, INC. #302	41
COMMUNITY BLOOD BANK OF MARION COUNTY, INC. #398	51
COMMUNITY BLOOD BANK OF NORTON, INC. #263	37
COMMUNITY BLOOD BANK AND SERUM SERVICE #295	40
COMMUNITY BLOOD CENTER #394	51
COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK, INC., THE NEW YORK BLOOD CENTER #386	50
COMMUNITY BLOOD COUNCIL OF MERCER COUNTY, INC. #428	55
COMMUNITY BLOOD AND PLASMA SERVICE, INC. #224	33
COMMUNITY BLOOD AND PLASMA SERVICE, INC., OF TEXAS #241	36
COMMUNITY MEMORIAL GENERAL HOSPITAL #277	39
CONNAUGHT MEDICAL RESEARCH LABORATORIES, UNIVERSITY OF TORONTO #73	15
COURTLAND LABORATORIES #171	27
CUTTER LABORATORIES, INC. #8	10
DADE DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION #179	27
DAYTON BIOLOGICALS, INC. #356	46
DELMONT LABORATORIES, INC. #299	41
DELTA BLOOD BANK #288	40
DES MOINES COUNTY MEDICAL SOCIETY BLOOD BANK, INC. #348	45
DISTRICT OF COLUMBIA GENERAL HOSPITAL #212	32
DOCTORS HOSPITAL BLOOD BANK #214	32
DOW CHEMICAL COMPANY (THE) #110	18
DUBUQUE BLOOD BANK ASSOCIATION #231	34
DUNKLIN COUNTY MEMORIAL HOSPITAL #368	48
EASTERN BIOLOGICALS, INC. #420	54
EASTERN BLOOD BANK #336	44
EDGEWATER HOSPITAL BLOOD BANK #286	39
ELI LILLY AND CO. #56	13
ELIZABETH GENERAL HOSPITAL AND DISPENSARY #327	43
ENDO LABORATORIES, INC. #147	21
E. R. SQUIBB & SONS, INC. #52	13
ESSEX COUNTY BLOOD BANK #221	33
EVANS MEDICAL LIMITED #351	46
FAIRFAX HOSPITAL BLOOD BANK #365	47
GARDEN STATE BLOOD BANK #320	43

Establishment and License Number

Page No.

GCI LABORATORIES, INC. #423	55
GEORGIA BLOOD BANK & SERUM LABORATORIES, INC. #421	54
GLAXO LABORATORIES, LTD. #337	44
GOTHAM PHARMACEUTICAL CO., INC. #152	22
GREENVILLE GENERAL HOSPITAL BLOOD BANK #357	46
GREER LABORATORIES, INC. #308	42
HARRISBURG POLYCLINIC HOSPITAL #405	52
HARRISON COUNTY BLOOD BANK #339	44
HOFFMANN LABORATORIES, INC. #283	39
HOFFMANN-LA ROCHE #136	19
HOLLISTER-STIER LABORATORIES #91	15
HOLSTON VALLEY COMMUNITY HOSPITAL BLOOD BANK #259	37
HOLY CROSS HOSPITAL OF SILVER SPRING BLOOD BANK #369	48
HOMER D. COBB MEMORIAL HOSPITAL #425	55
HOSPITAL BLOOD SERVICE, INC. #261	37
HOSPITAL UNIVERSITY OF PENNSYLVANIA BLOOD BANK #289	40
HOUCHIN COMMUNITY BLOOD BANK #239	35
HYNSON, WESTCOTT AND DUNNING #125	19
INSTITUTE PLANT EMPLOYEES' BLOOD BANK, UNION CARBIDE CORP. #358	47
INTER-COUNTY BLOOD BANKS, INC. #175	27
INTERSTATE BLOOD BANK, INC. #173	27
INTERSTATE BLOOD BANK, INC. #268	38
INTERSTATE BLOOD BANK, INC. OF CHICAGO, ILLINOIS #305	41
INSTITUT MERIEUX #384	49
IRWIN MEMORIAL BLOOD BANK OF THE SAN FRANCISCO MEDICAL SOCIETY #182	28
ISTITUTO SIEROTERAPICO VACCINOGENO TOSCANO SCLAVO #238	35
J. K. AND SUSIE L. WADLEY RESEARCH INSTITUTE AND BLOOD BANK #167	26
JACKSON BLOOD BANK #170	27
JACKSONVILLE BLOOD BANK, INC. #181	28
JACOB BLUMBERG MEMORIAL BLOOD BANK, INC., OF THE LAKE COUNTY MEDICAL SOCIETY #251	36
JOHN ELLIOTT BLOOD BANK OF DADE COUNTY, INC. #154	22
KING COUNTY CENTRAL BLOOD BANK, INC. #192	31
KNOXVILLE BLOOD CENTER, INC. #254	36
LABORATORIO Y BANCO DE SANGRE ARRECHE #397	51
LANE MEMORIAL BLOOD BANK #304	41
LAS AMERICAS LABORATORY AND BLOOD BANK, INC. #406	52
LEDERLE LABORATORIES DIVISION, AMERICAN CYANAMID CO. #17	10
LEWISTON-CLARKSTON BLOOD BANK #298	40
MAINE MEDICAL CENTER BLOOD BANK #316	42
MALLINCKRODT CHEMICAL WORKS #77	15
MARRIETTA MEMORIAL HOSPITAL #270	38
MASSACHUSETTS GENERAL HOSPITAL #300	41
MASSACHUSETTS PUBLIC HEALTH BIOLOGIC LABORATORIES #64	14
MAXWELL BLOOD BANK, THE CHILDREN'S MEMORIAL HOSPITAL #209	32
MEDICAL CENTER BLOOD BANK #388	50
MEDIX, INC. #391	50
MEMPHIS BLOOD CENTER, INC. #240	35
MERCED COUNTY GENERAL HOSPITAL BLOOD BANK #360	47

MERCK SHARP & DOHME, DIVISION OF MERCK & CO., INC. #2	8
METABOLIC, INC. #415	53
MICHAEL REESE RESEARCH FOUNDATION #113	18
MICHIGAN COMMUNITY BLOOD CENTER #272	38
MICHIGAN DEPARTMENT OF PUBLIC HEALTH, BUREAU OF LABORATORIES #99	16
MID-SOUTH BLOOD SERVICE, INC. #411	53
MIDWEST BLOOD SERVICE, INC. #296	40
MILES LABORATORIES, INC. #362	47
MILWAUKEE BLOOD CENTER, INC. #187	29
MINNEAPOLIS WAR MEMORIAL BLOOD BANK #185	29
MOUNT SINAI HOSPITAL MEDICAL CENTER #168	26
MULFORD COLLOID LABORATORIES, DIVISION OF LEMMON PHARMACAL COMPANY #102	17
N. V. ORGANON #378	49
N. V. PHILIPS-DUPHAR #393	50
NATIONAL BLOOD PRODUCTS, INC. #321	43
NATIONAL BLOOD SERVICE, INC. #396	51
NATIONAL BLOOD SERVICE OF PHILADELPHIA, INC. #400	51
NATIONAL DRUG CO., DIVISION OF RICHARDSON-MERRELL INC. #101	17
NEW HANOVER MEMORIAL HOSPITAL BLOOD BANK #326	43
NEW ORLEANS BLOOD BANK #354	46
NORTH AMERICAN BIOLOGICALS, INC. #413	53
NORTHERN CALIFORNIA COMMUNITY BLOOD BANK #230	34
NORTHERN ILLINOIS BLOOD BANK, INC. #249	36
NYEGAARD & CO. A/S #382	49
OCHSNER FOUNDATION HOSPITAL BLOOD BANK #233	34
OESTERREICHISCHES INSTITUT FUER HAEMODERIVATE G.m.b.H. #258	37
OHIO VALLEY BLOOD SERVICE, INC. #346	45
OKLAHOMA CITY COMMUNITY BLOOD BANK, INC. #273	38
ORGANON INC. #363	47
ORTHO PHARMACEUTICAL CORP. #156	22
PARKE, DAVIS & CO. #1	7
PENINSULA GENERAL HOSPITAL OF WICOMICO COUNTY #429	55
PENINSULA MEMORIAL BLOOD BANK #195	31
PERTH AMBOY GENERAL HOSPITAL #395	51
PFIZER INC. #164	24
PFIZER, LTD. #338	44
PHILADELPHIA BLOOD CENTER #139	19
PHILIPS ROXANE, INC. #376	49
PHOEBE PUTNEY MEMORIAL HOSPITAL BLOOD BANK #387	50
PINEVIEW GENERAL HOSPITAL BLOOD BANK #290	40
PIONEER BLOOD SERVICE, INC. #278	39
PORRO BIOLOGICAL LABORATORIES, INC. #107	17
PRINCETON LABORATORY PRODUCTS CO. #359	47
PROVIDENCE HOSPITAL BLOOD BANK #218	33
PUREX LABORATORIES, INC. #306	41
RALEIGH BLOOD CENTER, DIVISION NORTH CAROLINA STATE BLOOD CENTERS, INC. #432	56
RECHERCHE ET INDUSTRIE THERAPEUTIQUES S.A. #430	55

RESEARCH FOUNDATION AND UNIVERSITY OF ILLINOIS #188	30
RHODE ISLAND HOSPITAL BLOOD BANK #284	39
ROCK ISLAND COUNTY BLOOD BANK, INC. #373	48
ROOSEVELT HOSPITAL (THE) #381	49
SACRAMENTO MEDICAL FOUNDATION BLOOD BANK #194	31
ST. BARNABAS HOSPITAL FOR CHRONIC DISEASES #390	50
ST. FRANCIS HOSPITAL BLOOD BANK #260	37
ST. FRANCIS HOSPITAL, INC. #431	55
ST. JOSEPH HOSPITAL, INC. #403	52
ST. LUKE'S MEMORIAL HOSPITAL BLOOD BANK #271	38
ST. VINCENT HOSPITAL BLOOD BANK #317	43
SAN DIEGO BLOOD BANK #201	31
SCHERING CORPORATION #349	45
SCIENTIFIC BLOOD BANK, INC. #345	45
SCOTT COUNTY MEDICAL SOCIETY BLOOD BANK, INC. #366	48
SHREVEPORT EMERGENCY BLOOD BANK, INC. #237	35
SIBLEY MEMORIAL HOSPITAL #380	49
SONOMA COUNTY COMMUNITY BLOOD BANK #197	31
SOUTH BEND MEDICAL FOUNDATION, INC. #248	36
SOUTHEASTERN GENERAL HOSPITAL, INC. #313	42
SOUTHWEST FLORIDA BLOOD BANK, INC. #228	34
SPECTRA BIOLOGICALS DIVISION, BECTON-DICKINSON & CO. #344	44
SPOKANE & INLAND EMPIRE BLOOD BANK #203	32
STANFORD UNIVERSITY HOSPITAL BLOOD BANK #402	52
STATE UNIVERSITY HOSPITAL, UPSTATE MEDICAL CENTER #417	54
SUBURBAN HOSPITAL BLOOD BANK #309	42
SWISS SERUM AND VACCINE INSTITUTE BERNE #21	12
TACOMA-PIERCE COUNTY BLOOD BANK #202	32
TERRELL'S LABORATORIES #84	15
TEXAS STATE DEPARTMENT OF HEALTH #121	19
TRAVENOL LABORATORIES, INC. #140	20
TRAVIS COUNTY MEDICAL SOCIETY BLOOD BANK #244	36
TRI-CITIES BLOOD SERVICE, INC. #332	43
TRI-CITIES BLOOD SERVICE OF AUGUSTA, INC. #410	53
TRI-COUNTIES BLOOD BANK, INC. #198	31
UNITED LABORATORIES, INC. #408	52
UNIVERSITY OF CINCINNATI BLOOD TRANSFUSION SERVICE #235	35
UPJOHN CO. #51	12
VIRGINIA BLOOD BANK, INC. #204	32
W. E. AND LELA I. STEWART BLOOD CENTER, INC. #265	37
WASHINGTON BLOOD LABORATORY #158	23
WASHINGTON HOMOEOPATHIC PHARMACY #392	50
WELLCOME FOUNDATION LIMITED, WELLCOME RESEARCH LABORATORIES #129	19
WELLCOME REAGENTS LIMITED #427	55
WESTERN PENNSYLVANIA BLOOD CENTER, INC. #276	39
WIENER SERUM LABORATORY #155	22
WORLD BLOOD BANK, INC. #312	42
WYETH LABORATORIES, INC. #3	9

ALPHABETICAL LIST OF LICENSED FOREIGN ESTABLISHMENTS

Establishment and License Number	Page No.
A/B KABI #325	43
BEECHAM GROUP, LTD. #364	47
BEHRINGWERKE AG. #97	16
CENTRAL LABORATORY OF THE NETHERLANDS RED CROSS, BLOOD TRANSFUSION SERVICE #379	49
CONNAUGHT MEDICAL RESEARCH LABORATORIES, UNIVERSITY OF TORONTO #73	15
EVANS MEDICAL LIMITED #351	46
GLAXO LABORATORIES, LTD. #337	44
INSTITUT MERIEUX #384	49
ISTITUTO SIEROTERAPICO VACCINOGENO TOSCANO SCLAVO #238	35
N. V. ORGANON #378	49
N. V. PHILIPS-DUPHAR #393	50
NYEGAARD & CO. A/S #382	49
OESTERREICHISCHES INSTITUT FUER HAEMODERIVATE G.m.b.H. #258	37
PFIZER, LTD. #338	44
RECHERCHE ET INDUSTRIE THERAPEUTIQUES S.A. #430	55
SWISS SERUM AND VACCINE INSTITUTE BERNE #21	12
WELLCOME FOUNDATION LIMITED, WELLCOME RESEARCH LABORATORIES #129	19
WELLCOME REAGENTS LIMITED #427	55

ESTABLISHMENTS LISTED BY LICENSE NUMBER
AND PRODUCTS FOR WHICH EACH IS LICENSED

PART II

LIC. NO. ESTABLISHMENT AND PRODUCT

I PARKE, DAVIS & CO., DETROIT, MICH.

Antitoxins

B. *oedematiens* Antitoxin
Perfringens Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

Bacterial Antigens

2 Polyvalent bacterial antigens with "No U.S.
Standard of Potency"

Bacterial Vaccines

Pertussis Vaccine
Pertussis Vaccine Adsorbed
1 Polyvalent bacterial vaccine with "No U.S.
Standard of Potency"
Typhoid and Paratyphoid Vaccine

Bacterial Vaccines and Antigens Combined

2 polyvalent bacterial vaccines and bacterial antigens with
"No U.S. Standard of Potency"

Blood and Blood Derivatives

Antihemophilic Factor (Human)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
with Chloramphenicol
Histamine Azoprotein
Immune Serum Globulin (Human)
Measles Immune Globulin (Human)
Normal Serum Albumin (Human)
Tetanus Immune Globulin (Human)
Thrombin

Diagnostic Substances for Dermal Tests

Blastomycin
Diphtheria Toxin for Schick Test
Histoplasmin
Tuberculin
Old
Purified Protein Derivative

Diagnostic Substances for Laboratory Tests

Anti-Human Chorionic Gonadotropic Serum
Anti-Influenza Virus Serum for the Hemagglutination
Inhibition Test
Influenza Virus Hemagglutinating Antigen

LIC. NO. ESTABLISHMENT AND PRODUCT

1 PARKE, DAVIS & CO. (cont'd)

Miscellaneous

Allergenic Extracts
Oxophenarsine Hydrochloride
Poison Ivy Extract

Modified Bacterial Antigens

1 polyvalent modified bacterial antigen with "No U.S. Standard of Potency"

Multiple Antigen Preparations

Adenovirus and Influenza Virus Vaccines Combined Aluminum Phosphate Adsorbed
Diphtheria and Tetanus Toxoids
Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis and Poliomyelitis Vaccines Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed and Poliomyelitis Vaccine
Staphylococcus Toxoid and Bacterial Antigen made from Staphylococcus (Albus and Aureus)

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Staphylococcus Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Adenovirus Vaccine
Influenza Virus Vaccine
Poliomyelitis Vaccine
Poliomyelitis Vaccine Adsorbed
Rabies Vaccine
Smallpox Vaccine

2 MERCK SHARP & DOHME, DIVISION OF MERCK & CO., INC.,
WEST POINT, PA.

Bacterial Antigens

3 Polyvalent bacterial antigens with "No U.S. Standard of Potency"

Bacterial Vaccines

Cholera Vaccine
Typhoid Vaccine

Blood and Blood Derivatives

Fibrinogen (Human)
Fibrinogen with Antihemophilic Factor (Human)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
Fibrinolysin (Human)
Human Globulin (Human), Pepsin-Modified
Human Globulin (Human)

Human Gamma Globulin (Human)
Human Plasma Globulin (Human)

LIC.NO.

ESTABLISHMENT AND PRODUCT

2 MERCK SHARP & DOHME (cont'd)

Diagnostic Substances for Dermal Tests

Bruceella Skin Test Antigen
Tuberculin
Purified Protein Derivative

Miscellaneous

Antivenin (*Laotrodectus mactans*)
Blood Group Specific Substances A and B
Poison Ivy Extract

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
and Poliomyelitis Vaccine
Measles-Smallpox Vaccine, Live
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Sensitized Bacterial Vaccines

Three Polyvalent sensitized bacterial vaccines with
"No U.S. Standard of Potency"

Toxoids and Toxins for Immunization

Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Influenza Virus Vaccine
Measles Virus Vaccine, Live, Attenuated
Mumps Virus Vaccine, Live
Poliomyelitis Vaccine
Rubella Virus Vaccine, Live
Rubella and Mumps Virus Vaccine, Live
Smallpox Vaccine
Typhus Vaccine

3 WYETH LABORATORIES, INC., MARIETTA, PA.

Antitoxins

Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

Bacterial Vaccines

Cholera Vaccine
Pertussis Vaccine
Typhoid Vaccine

Blood and Blood Derivatives

Normal Horse Serum
Tetanus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schlick Test

Miscellaneous

Antivenin (Crotalidae) Polyvalent
Antivenin (*Micrurus fulvius*)

LIC. NO. ESTABLISHMENT AND PRODUCT

3 WYETH LABORATORIES, INC. (cont'd)

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Adenovirus Vaccine
Influenza Virus Vaccine
Poliovirus Vaccine, Live, Oral, Trivalent
Poliovirus Vaccine, Live, Oral, Type 1
Poliovirus Vaccine, Live, Oral, Type 2
Poliovirus Vaccine, Live, Oral, Type 3
Smallpox Vaccine

8 CUTTER LABORATORIES, INC., BERKELEY, CALIF.

Bacterial Vaccines

Plague Vaccine

Blood and Blood Derivatives

Factor IX Complex (Human)
Fibrinogen (Human)
Immune Serum Globulin (Human)
Mumps Immune Globulin (Human)
Normal Serum Albumin (Human)
Pertussis Immune Globulin (Human)
Plasma Protein Fraction (Human)
Tetanus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Coccioidin

Miscellaneous

Poison Ivy Extract
Poison Oak Extract

Toxoids and Toxins for Immunization

Tetanus Toxoid

Viral and Rickettsial Vaccines

Poliomyelitis Vaccine
Smallpox Vaccine

17 LEDERLE LABORATORIES DIVISION, AMERICAN CYANAMID CO.,
PEARL RIVER, N.Y.

Antitoxins

Botulism Antitoxin
Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

LIC. NO. ESTABLISHMENT AND PRODUCT

17 LEDERLE LABORATORIES (cont'd)

Bacterial Vaccines

Cholera Vaccine
Pertussis Vaccine
Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives

Immune Serum Globulin (Human)
Measles Immune Globulin (Human)
Normal Serum Albumin (Human)
Tetanus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Histoplasmin
Lymphogranuloma Venereum Antigen
Tuberculin
Old

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Fy^a Serum (Anti-Duffy)
Anti-Human Serum
Anti-K Serum (Anti-Kell)
Anti-M Serum
Anti-N Serum
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Anti-Rh₀⁺ (Anti-CD)
Anti-Rh₀rh⁺rh⁺ (Anti-CDE)
Anti-rh⁺ (Anti-C)
Anti-rh^W (Anti-C^W)
Anti-rh⁺ (Anti-E)
Anti-hr⁺ (Anti-c)
Anti-hr⁺ (Anti-e)
Anti-s Serum

Miscellaneous

Allergenic Extracts
Streptokinase-Streptodornase
Trichinella Extract

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Therapeutic Immune Serums

Antirabies Serum

Toxoids and Toxins for Immunization

Staphylococcus Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

LIC. NO.

ESTABLISHMENT AND PRODUCT

17 LEDERLE LABORATORIES (cont'd)

Viral and Rickettsial Vaccines

Influenza Virus Vaccine
Measles Virus Vaccine, Live, Attenuated
Mumps Vaccine
Poliovirus Vaccine, Live, Oral, Trivalent
Poliovirus Vaccine, Live, Oral, Type 1
Poliovirus Vaccine, Live, Oral, Type 2
Poliovirus Vaccine, Live, Oral, Type 3
Rabies Vaccine
Rocky Mountain Spotted Fever Vaccine
Smallpox Vaccine
Typhus Vaccine

21 SWISS SERUM AND VACCINE INSTITUTE BERNE, BERNE, SWITZERLAND

Antitoxins

Tetanus Antitoxin

Toxoids and Toxins for Immunization

Tetanus Toxoid Adsorbed

43 ABBOTT LABORATORIES, NORTH CHICAGO, ILL. with location at:
Chicago, Ill.

Blood and Blood Derivatives

Aggregated Radio-Iodinated (1131) Albumin (Human)
Radio-Iodinated (1125) Serum Albumin (Human)
Radio-Iodinated (1131) Serum Albumin (Human)

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Fya Serum (Anti-Duffy)
Anti-Human Serum
Anti-M Serum
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Anti-Rh₀⁺ (Anti-CD)
Anti-Rh₀⁺ (Anti-DE)
Anti-Rh₀rh⁺rh⁺ (Anti-CDE)
Anti-rh⁺ (Anti-C)
Anti-rh⁺ (Anti-E)
Anti-hr⁺ (Anti-c)
Anti-hr⁺ (Anti-e)
Reagent Red Blood Cells (Human)

51 THE UPJOHN CO., KALAMAZOO, MICH.

Blood and Blood Derivatives

Thrombin

LIC. NO.

ESTABLISHMENT AND PRODUCT

52 E. R. SQUIBB & SONS, INC., NEW BRUNSWICK, N.J.

Blood and Blood Derivatives

Aggregated Radio-Iodinated (I 131) Albumin (Human)
Antihemophilic Factor (Human)
Fibrinogen (Human)
Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Radio Chromated (Cr51) Serum Albumin (Human)
Radio-Iodinated (I125) Serum Albumin (Human)
Radio-Iodinated (I131) Serum Albumin (Human)
Tetanus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Lymphogranuloma Venereum Antigen

Multiple Antigen Preparations

Staphylococcus Toxoid and Bacterial Antigen made from
Staphylococcus (Albus and Aureus)

56 ELI LILLY & CO., INDIANAPOLIS, IND.

Antitoxins

Diphtheria Antitoxin
Perfringens Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin
V. *septica* Antitoxin

Bacterial Antigens

7 Polyvalent bacterial antigens with "No U.S.
Standard of Potency"

Bacterial Vaccines

Cholera Vaccine
Pertussis Vaccine
6 Polyvalent bacterial vaccines with "No U.S.
Standard of Potency"
Typhoid Vaccine
Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives

Measles Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test
Mumps Skin Test Antigen
Schick Test Control
Tuberculin
Old

Miscellaneous

Allergenic Extracts

LIC.NO. ESTABLISHMENT AND PRODUCT

56 ELI LILLY & CO. (cont'd)

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids
Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
and Poliomyelitis Vaccine
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Toxoids and Toxins for Immunization

Tetanus Toxoid

Viral and Rickettsial Vaccines

Influenza Virus Vaccine
Measles Virus Vaccine, Inactivated
Measles Virus Vaccine, Live, Attenuated
Mumps Vaccine
Poliomyelitis Vaccine
Rabies Vaccine
Smallpox Vaccine
Typhus Vaccine

64 MASSACHUSETTS PUBLIC HEALTH BIOLOGIC LABORATORIES, BOSTON, MASS.

Antitoxins

Diphtheria Antitoxin
Tetanus Antitoxin

Bacterial Vaccines

Typhoid Vaccine
Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives

Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Tetanus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test
Schick Test Control
Tuberculin
Old

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Smallpox Vaccine

LIC. NO. ESTABLISHMENT AND PRODUCT

- 73 CONNAUGHT MEDICAL RESEARCH LABORATORIES, UNIVERSITY OF TORONTO,
WILLOWDALE, ONTARIO, CANADA

Antitoxins

Botulism Antitoxin
Diphtheria Antitoxin
Staphylococcus Antitoxin
Tetanus Antitoxin

Bacterial Vaccines

BCG Vaccine

Blood and Blood Derivatives

Normal Serum Albumin (Human)

Diagnostic Substances for Dermal Tests

Tuberculin
Purified Protein Derivative

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Staphylococcus Toxoid
Tetanus Toxoid

Viral and Rickettsial Vaccines

Poliomyelitis Vaccine
Smallpox Vaccine

- 77 MALLINCKRODT CHEMICAL WORKS, MARYLAND HEIGHTS, MO.

Blood and Blood Derivatives

Aggregated Radio-Iodinated (1131) Albumin (Human)
Radio-Iodinated (1125) Serum Albumin (Human)
Radio-Iodinated (1131) Serum Albumin (Human)

- 84 TERRELL'S LABORATORIES, FORT WORTH, TEX.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

Miscellaneous

Allergenic Extracts

- 91 HOLLISTER-STIER LABORATORIES, SPOKANE, WASH. with locations at:

Downers Grove, Ill. Yeadon, Pa.
Los Angeles, Calif. Atlanta, Ga.
Dallas, Tex.

Bacterial Vaccines

2 Polyvalent bacterial vaccines with "No U.S.
Standard of Potency"

Miscellaneous

Allergenic Extracts
Poison Ivy Extract
Poison Ivy-Poison Oak Extracts Combined
Poison Oak Extract

LIC.NO. ESTABLISHMENT AND PRODUCT

97 BEHRINGWERKE AG., MARBURG-LAHN, GERMANY

Miscellaneous

Streptokinase-Streptodornase

Toxoids and Toxins for Immunization

Diphtheria Toxoid Adsorbed

Tetanus Toxoid Adsorbed

99 BUREAU OF LABORATORIES, MICHIGAN DEPARTMENT OF PUBLIC HEALTH,
LANSING, MICH.

Antitoxins

Diphtheria Antitoxin

Tetanus Antitoxin

Bacterial Vaccines

Anthrax Vaccine Adsorbed

Pertussis Vaccine

Pertussis Vaccine Adsorbed

Typhoid Vaccine

Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives

Antihemophilic Globulin (Human)

Fibrinogen (Human)

Immune Serum Globulin (Human)

Normal Horse Serum

Normal Rabbit Serum

Normal Serum Albumin (Human)

Tetanus Immune Globulin (Human)

Whole Blood (Human)

ACD

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test

Histoplasmin

Schick Test Control

Tuberculin

Old

Diagnostic Substances for Laboratory Tests

Pneumococcus Typing Serum

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed

Therapeutic Immune Serums

Anti-Hemophilus influenzae Type b Serum

Toxoids and Toxins for Immunization

Diphtheria Toxoid Adsorbed

Tetanus Toxoid Adsorbed

Smallpox and Rickettsial Vaccines

Smallpox Vaccine

Typhus Vaccine

LIC. NO. ESTABLISHMENT AND PRODUCT

101 THE NATIONAL DRUG CO., DIVISION OF RICHARDSON-MERRELL, INC.,
PHILADELPHIA, PA. with location at: Swiftwater, Pa.

Antitoxins

Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

Bacterial Vaccines

Cholera Vaccine
Pertussis Vaccine
2 Polyvalent bacterial vaccines with "No U.S.
Standard of Potency"
Typhoid Vaccine
Typhoid and Paratyphoid Vaccine

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids and Pertussis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Staphylococcus Toxoid and Bacterial Vaccine made from
Staphylococcus (Aureus)
Staphylococcus Toxoid-Streptococcus Toxin-Bacterial Vaccine
made from Staphylococcus (Aureus), Streptococcus
(Hemolyticus), Pneumococcus and Hemophilus Influenzae
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Staphylococcus Toxoid
Streptococcus Erythrogenic Toxin
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Influenza Virus Vaccine
Rabies Vaccine
Smallpox Vaccine
Yellow Fever Vaccine

102 MULFORD COLLOID LABORATORIES DIVISION OF LEMMON PHARMACEUTICAL CO.,
SELLERSVILLE, PA.

Miscellaneous

Poison Ivy Extract

103 ALLERGY LABORATORIES, INC., OKLAHOMA CITY, OKLA.

Miscellaneous

Allergenic Extracts

107 PORRO BIOLOGICAL LABORATORIES, INC., TACOMA, WASH.

Miscellaneous

Allergenic Extracts

LIC. NO. ESTABLISHMENT AND PRODUCT

110 THE DOW CHEMICAL CO., ZIONSVILLE, IND.

Bacterial Vaccines

Pertussis Vaccine
Typhoid Vaccine
Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives

Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Tetanus Immune Globulin (Human)

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria Toxoid and Pertussis Vaccine Adsorbed

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Staphylococcus Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Influenza Virus Vaccine
Measles Virus Vaccine, Live, Attenuated
Polioomyelitis Vaccine

113 MICHAEL REESE RESEARCH FOUNDATION, CHICAGO, ILL.

Blood and Blood Derivatives

Antihemophilic Plasma (Human)
Normal Human Plasma
Normal Human Serum
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

119 BARRY LABORATORIES, INC., POMPANO BEACH, FLA.

Miscellaneous

Allergenic Extracts
Poison Ivy Extract
Poison Ivy-Oak-Sumac Extracts Combined
Poison Sumac Extract

LIC.NO. ESTABLISHMENT AND PRODUCT

121 TEXAS STATE DEPARTMENT OF HEALTH, AUSTIN, TEX.

Bacterial Vaccines

Pertussis Vaccine
Typhoid Vaccine

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test
Schick Test Control
Tuberculin
Old

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Rabies Vaccine

125 HYNSON, WESTCOTT & DUNNING, BALTIMORE, MD.

Miscellaneous

Cobra Venom Solution
Cobra Venom with Silicic and Formic Acids

129 WELLCOME FOUNDATION, LTD., WELLCOME RESEARCH LABORATORIES,
BECKENHAM, KENT, ENGLAND

Antitoxins

Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin

136 HOFFMANN-LA ROCHE, NUTLEY, N.J.

Diagnostic Substances for Laboratory Tests

Anti-Human Chorionic Gonadotropic Serum

139 THE PHILADELPHIA BLOOD CENTER, PHILADELPHIA, PA.

Blood and Blood Derivatives

Poliomyelitis Immune Globulin (Human)
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

LIC. NO.

ESTABLISHMENT AND PRODUCT

139 THE PHILADELPHIA BLOOD CENTER (cont'd)

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Human Serum
Anti-K Serum (Anti-Kell)
Anti-M Serum
Anti-N Serum
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Anti-Rh₀⁺ (Anti-CD)
Anti-Rh₀⁺ (Anti-DE)
Anti-Rh₀⁺rh⁺rh⁺ (Anti-CDE)
Anti-rh⁺ (Anti-C)
Anti-rh⁺ (Anti-E)
Anti-hr⁺ (Anti-c)
Anti-hr⁺ (Anti-e)
Reagent Red Blood Cells (Human)

140 TRAVENOL LABORATORIES, COSTA MESA, CALIF. with locations at:
Los Angeles, Calif. Morton Grove, Ill. Cleveland, Miss.

Bacterial Antigens

Pseudomonas Polysaccharide

Blood and Blood Derivatives

Antihemophilic Factor (Human)
Antihemophilic Plasma (Human)
Factor IX Complex (Human)
Fibrinogen (Human)
Immune Serum Globulin (Human)
Measles Immune Globulin (Human)
Mumps Immune Globulin (Human)
Normal Serum Albumin (Human)
Pertussis Immune Globulin (Human)
Plasma Protein Fraction (Human)
Red Blood Cells (Human)
Tetanus Immune Globulin (Human)
Vaccinia Immune Globulin (Human)
Whole Blood (Human)
ACD
CPD

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Fya Serum (Anti-Duffy)
Anti-Human Chorionic Gonadotropic Serum
Anti-Human Serum
Anti-I Serum
Anti-K Serum (Anti-Kell)
Anti-Lewis Serum (Anti-Lewis)

LIC. NO. ESTABLISHMENT AND PRODUCT

140 TRAVENOL LABORATORIES (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-Rh Typing Serums:

Anti-Rh₀ (Anti-D)
 Anti-Rh₀⁺ (Anti-CD)
 Anti-Rh₀⁺ (Anti-DE)
 Anti-Rh₀rh⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-rh⁺ (Anti-C^W)

Anti-S Serum

Anti-s Serum

Haemophilus influenzae Typing Serum

Reagent Red Blood Cells (Human)

147 ENDO LABORATORIES, INC., GARDEN CITY, N.Y.

Miscellaneous

Allergenic Extracts

149 ARMOUR PHARMACEUTICAL CO., CHICAGO, ILL. with locations at:
 Chicago, Ill. Kankakee, Ill.

Blood and Blood Derivatives

Immune Serum Globulin (Human)
 Normal Serum Albumin (Human)
 Plasma Protein Fraction (Human)
 Tetanus Immune Globulin (Human)

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Human Serum
 Anti-K Serum (Anti-Kell)
 Anti-Le^a Serum (Anti-Lewis)
 Anti-M Serum
 Anti-N Serum

Anti-Rh Typing Serums:

Anti-Rh₀ (Anti-D)
 Anti-Rh₀⁺ (Anti-CD)
 Anti-Rh₀⁺ (Anti-DE)
 Anti-Rh₀rh⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-U Serum (Anti-Ss)
 Reagent Red Blood Cells (Human)

Miscellaneous

Blood Group Specific Substance A
 Blood Group Specific Substance B
 Blood Group Specific Substances A and B

LIC.NO. ESTABLISHMENT AND PRODUCT

152 GOTHAM PHARMACEUTICAL CO., INC. BROOKLYN, N.Y.

Miscellaneous

Allergenic Extracts

154 JOHN ELLIOTT BLOOD BANK OF DADE COUNTY, INC., MIAMI, FLA.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

155 WIENER SERUM LABORATORY, BROOKLYN, N.Y.

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-Fy^a Serum (Anti-Duffy)

Anti-Human Serum

Anti-K Serum (Anti-Kell)

Anti-k Serum (Anti-Cellano)

Anti-M Serum

Anti-N Serum

Anti-Rh Typing Serums:

Anti-Rh₀ (Anti-D)

Anti-Rh₀⁺ (Anti-CD)

Anti-Rh₀⁺ (Anti-DE)

Anti-rh⁺ (Anti-C)

Anti-rh⁺ (Anti-E)

Anti-hr⁺ (Anti-c)

Anti-hr⁺ (Anti-e)

Anti-rh⁺W and Anti-K Serum (Anti-(CW+Kell))

156 ORTHO PHARMACEUTICAL CORP., RARITAN, N.J.

Blood and Blood Derivatives

Fibrinogen (Human)

Fibrinolysin (Human)

Immune Serum Globulin (Human)

Normal Serum Albumin (Human)

Profibrinolysin (Human)

Rh₀ (D) Immune Globulin (Human)

Thrombin

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Fy^a Serum (Anti-Duffy)

Anti-Human Chorionic Gonadotropic Serum

Anti-Human Serum

Anti-K Serum (Anti-Kell)

Anti-k Serum (Anti-Cellano)

Anti-M Serum

Anti-N Serum

Anti-P Serum

LIC. NO. ESTABLISHMENT AND PRODUCT

156 ORTHO PHARMACEUTICAL CORP. (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-Rh Typing Serums:

Anti-Rh₀ (Anti-D)
 Anti-Rh₀⁺ (Anti-CD)
 Anti-Rh₀⁺ (Anti-DE)
 Anti-Rh₀rh⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-rh⁺ (Anti-C^W)

Anti-S Serum

Anti-s Serum

Reagent Red Blood Cells (Human)

157 BEHRING DIAGNOSTICS, INC., WOODBURY, N.Y.

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Fy^a Serum (Anti-Duffy)

Anti-Human Serum

Anti-K Serum (Anti-Kell)

Anti-k Serum (Anti-Cellano)

Anti-M Serum

Anti-N Serum

Anti-P Serum

Anti-Rh Typing Serums:

Anti-Rh₀ (Anti-D)
 Anti-Rh₀⁺ (Anti-CD)
 Anti-Rh₀⁺ (Anti-DE)
 Anti-Rh₀rh⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-rh⁺ (Anti-C^W)

Anti-S Serum

Anti-s Serum

Reagent Red Blood Cells (Human)

158 WASHINGTON BLOOD LABORATORY, WASHINGTON, D.C.

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Human Serum

Anti-Rh Typing Serums:

Anti-Rh₀ (Anti-D)
 Anti-Rh₀⁺ (Anti-CD)
 Anti-Rh₀⁺ (Anti-DE)
 Anti-Rh₀rh⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)

LIC. NO.

ESTABLISHMENT AND PRODUCT

159 BLOOD GROUPING LABORATORY OF BOSTON, INC., BOSTON, MASS.

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum
 Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-Fy^a Serum (Anti-Duffy)
 Anti-Gr(V_w) Serum
 Anti-Human Serum
 Anti-Jk^a Serum (Anti-Kidd)
 Anti-K Serum (Anti-Kell)
 Anti-Kp^a Serum (Anti-Penney)
 Anti-Kp^b and Anti-K Serum (Anti-Rautenberg and Anti-Kell)
 Anti-Lea Serum (Anti-Lewis)
 Anti-Le^b Serum
 Anti-M Serum
 Anti-M^g Serum
 Anti-P Serum
 Anti-Rh Typing Serums:
 Anti-Rh₀ (Anti-D)
 Anti-Rh₀⁺ (Anti-CD)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-rh^w (Anti-C^w)
 Anti-Rh₀ + Rh₀ (Anti-D + Du)
 Anti-S Serum
 Anti-s Serum
 Anti-Wra Serum (Anti-Wright)

164 PFIZER INC., NEW YORK, N.Y. with locations at:
 New York, N.Y. Philadelphia, Pa.

Blood and Blood Derivatives

Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 Heparin

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum
 Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Di^a Serum (Anti-Diego)
 Anti-Fy^a Serum (Anti-Duffy)
 Anti-Fy^b Serum
 Anti-Human Serum
 Anti-Jk^a Serum (Anti-Kidd)
 Anti-Jk^b Serum
 Anti-K Serum (Anti-Kell)
 Anti-Kp^a Serum (Anti-Penney)
 Anti-Kp^b Serum (Anti-Rautenberg)
 Anti-k Serum (Anti-Cellano)
 Anti-Lea Serum (Anti-Lewis)
 Anti-Lua Serum (Anti-Lutheran)

LIC.NO. ESTABLISHMENT AND PRODUCT

164 PFIZER INC. (cont'd)

Diagnostic Substances for Laboratory Tests (cont'd)

Anti-M Serum
 Anti-N Serum
 Anti-P Serum
 Anti-Rh Typing Serums:
 Anti-Rh₀ (Anti-D)
 Anti-Rh₀⁺ (Anti-CD)
 Anti-Rh₀⁺ (Anti-DE)
 Anti-Rh₀rh⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-hr⁺V (Anti-V)
 Anti-rhw (Anti-CW)
 Anti-S Serum
 Anti-s Serum
 Anti-U Serum (Anti-Ss)
 Reagent Red Blood Cells (Human)

Miscellaneous

Blood Group Specific Substance A
 Blood Group Specific Substance B

165 BLOOD BANK FOUNDATION, NASHVILLE, TENN.

Blood and Blood Derivatives

Antihemophilic Plasma (Human)
 Normal Human Plasma
 Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 Heparin

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum
 Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Human Serum
 Anti-K Serum (Anti-Kell)
 Anti-Rh Typing Serums:
 Anti-Rh₀ (Anti-D)
 Anti-Rh₀⁺ (Anti-CD)
 Anti-Rh₀⁺ (Anti-DE)
 Anti-Rh₀rh⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)

LIC. NO. ESTABLISHMENT AND PRODUCT

166 BELLE BONFILS MEMORIAL BLOOD BANK, DENVER, COLO.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Fy^a Serum (Anti-Duffy)
Anti-K Serum (Anti-Kell)
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Anti-Rh₀⁺ (Anti-CD)
Anti-rh⁰ (Anti-E)
Anti-hr⁺ (Anti-c)
Anti-hr⁰ (Anti-e)

167 J.K. AND SUSIE L. WADLEY RESEARCH INSTITUTE AND BLOOD BANK,
DALLAS, TEX.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

168 MOUNT SINAI HOSPITAL MEDICAL CENTER, CHICAGO, ILL.

Blood and Blood Derivatives

Red Blood Cells (Human)
Whole Blood (Human)
ACD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Human Serum
Anti-M Serum
Anti-N Serum
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Reagent Red Blood Cells (Human)

169 CHICAGO BLOOD DONOR SERVICE, INC., CHICAGO, ILL.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

LIC. NO. ESTABLISHMENT AND PRODUCT

170 JACKSON BLOOD BANK, JACKSON, TENN.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

171 COURTLAND LABORATORIES, LOS ANGELES, CALIF.

Blood and Blood Derivatives

Antihemophilic Factor (Human)
Antihemophilic Plasma (Human)
Immune Serum Globulin (Human)
Normal Human Plasma
Normal Serum Albumin (Human)
Plasma Protein Fraction (Human)
Poliomyelitis Immune Globulin (Human)
Red Blood Cells (Human)
Tetanus Immune Globulin (Human)
Whole Blood (Human)
ACD

173 INTERSTATE BLOOD BANK, INC., MEMPHIS, TENN. with location at:
Philadelphia, Pa.

Blood and Blood Derivatives

Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

175 INTER-COUNTY BLOOD BANKS, INC., ROCKVILLE CENTRE, N.Y.

Blood and Blood Derivatives

Red Blood Cells (Human)
Whole Blood (Human)
ACD

178 CALIFORNIA TRANSFUSION SERVICE, LOS ANGELES, CALIF.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

179 DADE DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION,
MIAMI, FLA.

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Dia Serum (Anti-Diego)
Anti-Fya Serum (Anti-Duffy)
Anti-Fyb Serum
Anti-Human Serum

LIC. NO. ESTABLISHMENT AND PRODUCT

179 DADE DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-Jka Serum (Anti-Kidd)
 Anti-k Serum (Anti-Cellano)
 Anti-K Serum (Anti-Kell)
 Anti-Kpa Serum (Anti-Penney)
 Anti-Lea Serum (Anti-Lewis)
 Anti-Leb Serum
 Anti-M Serum
 Anti-M9 Serum
 Anti-N Serum
 Anti-P Serum
 Anti-Rh Typing Serums:
 Anti-Rh₀ (Anti-D)
 Anti-Rh₀⁺ (Anti-CD)
 Anti-Rh₀⁺ (Anti-DE)
 Anti-Rh₀rh⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-rh⁺ (Anti-C^W)
 Anti-S Serum
 Anti-s Serum
 Anti-Xga Serum
 Reagent Red Blood Cells (Human)

Miscellaneous

Reagent Blood Group Specific Substances A and B

181 JACKSONVILLE BLOOD BANK, INC., JACKSONVILLE, FLA.

Blood and Blood Derivatives

Red Blood Cells (Human)
 Whole Blood (Human)
 ACD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-Human Serum
 Anti-Rh Typing Serums:
 Anti-Rh₀ (Anti-D)

182 IRWIN MEMORIAL BLOOD BANK OF THE SAN FRANCISCO MEDICAL SOCIETY,
 SAN FRANCISCO, CALIF.

Blood and Blood Derivatives

Normal Human Plasma
 Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 Heparin

LIC.NO. ESTABLISHMENT AND PRODUCT

183 BLOOD SERVICES, SCOTTSDALE, ARIZ. with locations at:

Albuquerque, N.M.	Little Rock, Ark.
Billings, Mont.	Lubbock, Tex.
Butte, Mont.	Meridian, Miss.
Cheyenne, Wyo.	Mesa, Ariz.
El Paso, Tex.	Minot, N.D.
Fargo, N.D.	New Orleans, La.
Fort Smith, Ark.	Phoenix, Ariz.
Harlingen, Tex.	Rapid City, S.D.
Houston, Tex.	Reno, Nev.
Lafayette, La.	San Antonio, Tex.
Las Vegas, Nev.	Texarkana, Tex.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

185 MINNEAPOLIS WAR MEMORIAL BLOOD BANK, MINNEAPOLIS, MINN.

Blood and Blood Derivatives

Normal Human Plasma
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Anti-Rh₀' (Anti-CD)
Anti-rh' (Anti-C)
Anti-rh" (Anti-E)
Anti-hr' (Anti-c)

187 MILWAUKEE BLOOD CENTER, INC., MILWAUKEE, WIS.

Blood and Blood Derivatives

Normal Human Plasma
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Human Serum
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Anti-Rh₀' (Anti-CD)
Anti-Rh₀rh'rh" (Anti-CDE)

LIC. NO. ESTABLISHMENT AND PRODUCT

188 RESEARCH FOUNDATION AND UNIVERSITY OF ILLINOIS, CHICAGO, ILL.

Bacterial Vaccines
BCG Vaccine

190 THE AMERICAN NATIONAL RED CROSS, WASHINGTON, D.C.

with locations at:

Albany, N.Y.	Muskegon, Mich.
Asheville, N.C.	Nashville, Tenn.
Atlanta, Ga.	New Brighton, Pa.
Baltimore, Md.	New York, N.Y.
Birmingham, Ala.	Norfolk, Va.
Boise, Idaho	Omaha, Nebr.
Boston, Mass.	Peoria, Ill.
Buffalo, N.Y.	Philadelphia, Pa.
Burlington, Vt.	Portland, Oreg.
Charleston, S.C.	Rio Piedras, P.R.
Charlotte, N.C.	Roanoke, Va.
Chicago, Ill.	Rochester, N.Y.
Cleveland, Ohio	Salt Lake City, Utah
Columbia, S.C.	San Jose, Calif.
Columbus, Ohio	Savannah, Ga.
Daytona Beach, Fla.	Springfield, Mo.
Detroit, Mich.	St. Louis, Mo.
Flint, Mich.	St. Paul, Minn.
Fort Wayne, Ind.	Syracuse, N.Y.
Galesburg, Ill.	Toledo, Ohio
Great Falls, Mont.	Tulsa, Okla.
Hartford, Conn.	Tucson, Ariz.
Huntington, W.Va.	Waco, Tex.
Johnstown, Pa.	Washington, D.C.
Lansing, Mich.	Waterloo, Iowa
Little Rock, Ark.	Wichita Falls, Tex.
Los Angeles, Calif.	Wichita, Kans.
Louisville, Ky.	Wilkes-Barre, Pa.
Madison, Wis.	Yakima, Wash.
Mobile, Ala.	

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

191 BLOOD BANK OF THE ALAMEDA-CONTRA COSTA MEDICAL ASSOCIATION,
OAKLAND, CALIF.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

LIC.NO. ESTABLISHMENT AND PRODUCT

192 KING COUNTY CENTRAL BLOOD BANK, INC., SEATTLE, WASH.

Blood and Blood Derivatives

Normal Human Plasma
Whole Blood (Human)
ACD

193 CENTER LABORATORIES, INC., PORT WASHINGTON, N.Y.

Miscellaneous

Allergenic Extracts

194 SACRAMENTO MEDICAL FOUNDATION BLOOD BANK, SACRAMENTO, CALIF.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

195 PENINSULA MEMORIAL BLOOD BANK, BURLINGAME, CALIF.

Blood and Blood Derivatives

Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD

197 SONOMA COUNTY COMMUNITY BLOOD BANK, SANTA ROSA, CALIF.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

198 TRI-COUNTIES BLOOD BANK, INC., SANTA BARBARA, CALIF.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

199 BLOOD BANK OF HAWAII, HONOLULU, HAWAII

Blood and Blood Derivatives

Whole Blood (Human)
ACD

201 SAN DIEGO BLOOD BANK, SAN DIEGO, CALIF.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

202 TACOMA-PIERCE COUNTY BLOOD BANK, TACOMA, WASH.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

203 SPOKANE & INLAND EMPIRE BLOOD BANK, SPOKANE, WASH.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

204 VIRGINIA BLOOD BANK, INC., RICHMOND, VA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

Diagnostic Substances for Laboratory Tests

Anti-B Blood Grouping Serum

209 MAXWELL BLOOD BANK, THE CHILDREN'S MEMORIAL HOSPITAL,
CHICAGO, ILL.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

212 DISTRICT OF COLUMBIA GENERAL HOSPITAL, WASHINGTON, D.C.

Blood and Blood Derivatives

Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD
Heparin

213 BLOOD BANK OF THE WASHINGTON HOSPITAL CENTER, WASHINGTON, D.C.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

214 DOCTORS HOSPITAL BLOOD BANK, WASHINGTON, D.C.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

LIC. NO. ESTABLISHMENT AND PRODUCT

215 BLOOD GROUPING LABORATORY, WASHINGTON, D.C.

Blood and Blood Derivatives

Normal Human Plasma
Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD

218 PROVIDENCE HOSPITAL BLOOD BANK, WASHINGTON, D.C.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

220 BROOME COUNTY BLOOD CENTER, BINGHAMTON, N.Y.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

221 ESSEX COUNTY BLOOD BANK, EAST ORANGE, N.J.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

222 AURORA AREA BLOOD BANK, AURORA, ILL.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

224 COMMUNITY BLOOD AND PLASMA SERVICE, INC., BIRMINGHAM, ALA.

with locations at:

Mobile, Ala.	Jackson, Miss.
New York, N.Y.	Columbus, Ga.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

- | LIC.NO. | ESTABLISHMENT AND PRODUCT |
|---------|--|
| 226 | BLOOD BANK OF SAN BERNARDINO AND RIVERSIDE COUNTIES, INC.,
SAN BERNARDINO, CALIF.

<i>Blood and Blood Derivatives</i>
Whole Blood (Human)
ACD |
| 227 | CENTRAL FLORIDA BLOOD BANK, INC., ORLANDO, FLA.
with locations at:
Eustis, Fla. Rockledge, Fla.
Sanford, Fla. Titusville, Fla.

<i>Blood and Blood Derivatives</i>
Whole Blood (Human)
ACD |
| 228 | SOUTHWEST FLORIDA BLOOD BANK, INC., TAMPA, FLA.

<i>Blood and Blood Derivatives</i>
Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD |
| 230 | NORTHERN CALIFORNIA COMMUNITY BLOOD BANK, EUREKA, CALIF.

<i>Blood and Blood Derivatives</i>
Whole Blood (Human)
ACD
CPD |
| 231 | DUBUQUE BLOOD BANK ASSOCIATION, DUBUQUE, IOWA

<i>Blood and Blood Derivatives</i>
Whole Blood (Human)
ACD |
| 233 | OCHSNER FOUNDATION HOSPITAL BLOOD BANK, NEW ORLEANS, LA.

<i>Blood and Blood Derivatives</i>
Whole Blood (Human)
ACD
CPD |
| 234 | CENTRAL BLOOD BANK OF PITTSBURGH, PITTSBURGH, PA.

<i>Blood and Blood Derivatives</i>
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD |

LIC. NO. ESTABLISHMENT AND PRODUCT

235 UNIVERSITY OF CINCINNATI BLOOD TRANSFUSION SERVICE,
CINCINNATI, OHIO

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Rh Typing Serums:
Anti-Rho (Anti-D)
Reagent Red Blood Cells (Human)

237 SHREVEPORT EMERGENCY BLOOD BANK, INC., SHREVEPORT, LA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

238 ISTITUTO SIEROTERAPICO VACCINOGENO TOSCANO SCLAVO, SIENA, ITALY

Antitoxins

Diphtheria Antitoxin
Tetanus Antitoxin

Therapeutic Immune Serums

Antirabies Serum

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Staphylococcus Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

239 HOUGHIN COMMUNITY BLOOD BANK, BAKERSFIELD, CALIF.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

240 MEMPHIS BLOOD CENTER, INC., MEMPHIS, TENN.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

LIC. NO. ESTABLISHMENT AND PRODUCT

- 241 COMMUNITY BLOOD AND PLASMA SERVICE, INC., OF TEXAS, HOUSTON, TEX.
with locations at:
Dallas, Tex. Los Angeles, Calif.

Blood and Blood Derivatives
Red Blood Cells (Human)
Whole Blood (Human)
ACD
Heparin

- 244 TRAVIS COUNTY MEDICAL SOCIETY BLOOD BANK, AUSTIN, TEX.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

- 246 COFFEE MEMORIAL BLOOD CENTER, INC., AMARILLO, TEX.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

- 248 SOUTH BEND MEDICAL FOUNDATION, INC., SOUTH BEND, IND.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
CPD

- 249 NORTHERN ILLINOIS BLOOD BANK, ROCKFORD, ILL.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

- 251 JACOB BLUMBERG MEMORIAL BLOOD BANK, INC.,
OF THE LAKE COUNTY MEDICAL SOCIETY, WAUKEGAN, ILL.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
CPD

- 254 KNOXVILLE BLOOD CENTER, INC., KNOXVILLE, TENN.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

LIC.NO. ESTABLISHMENT AND PRODUCT

- 258 OESTERREICHISCHES INSTITUT FUER HAEMODERIVATE G.M.B.H.,
VIENNA, AUSTRIA

Blood and Blood Derivatives

Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Plasma Protein Fraction (Human)
Tetanus Immune Globulin (Human)

- 259 HOLSTON VALLEY COMMUNITY HOSPITAL BLOOD BANK, KINGSPORT, TENN.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

- 260 ST. FRANCIS HOSPITAL BLOOD BANK, TRENTON, N.J.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 261 HOSPITAL BLOOD SERVICE, INC., DETROIT, MICH.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 263 THE COMMUNITY BLOOD BANK OF NORTON, INC., NORTON, VA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 265 W.E. AND LELA I. STEWART BLOOD CENTER, INC., TYLER, TEX.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 266 BLOOD BANK OF THE BRYN MAWR HOSPITAL, BRYN MAWR, PA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 267 BLOOD BANK OF ST. LUKE'S HOSPITAL (DULUTH), DULUTH, MINN.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

LIC. NO. ESTABLISHMENT AND PRODUCT

268 INTERSTATE BLOOD BANK, INC., ST. LOUIS, MO.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
Heparin

269 BEVERLY BLOOD CENTER, INC., CHICAGO, ILL. with location at:
Glenview, Ill.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

270 MARIETTA MEMORIAL HOSPITAL, MARIETTA, OHIO

Blood and Blood Derivatives

Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD

271 ST. LUKE'S MEMORIAL HOSPITAL BLOOD BANK, RACINE, WIS.

Blood and Blood Derivatives

Tetanus Immune Globulin (Human)
Whole Blood (Human)
ACD

272 MICHIGAN COMMUNITY BLOOD CENTER, DETROIT, MICH. with locations at:
Grand Rapids, Mich. Saginaw, Mich.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

273 OKLAHOMA CITY COMMUNITY BLOOD BANK, INC., OKLAHOMA CITY, OKLA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

274 BERGEN COMMUNITY BLOOD BANK, PARAMUS, N.J.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

276 WESTERN PENNSYLVANIA BLOOD CENTER, INC., PITTSBURGH, PA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

277 COMMUNITY MEMORIAL GENERAL HOSPITAL, LA GRANGE, ILL.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

278 PIONEER BLOOD SERVICE, INC., BRONX, N.Y.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

283 HOFFMANN LABORATORIES, INC., FAIR LAWN, N.J.

Bacterial Antigens

1 Bacterial antigens with "No U.S. Standard of Potency"
5 Polyvalent bacterial antigens with "No U.S.
Standard of Potency"

284 RHODE ISLAND HOSPITAL BLOOD BANK, PROVIDENCE, R.I.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

286 EDGEWATER HOSPITAL BLOOD BANK, CHICAGO, ILL.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

288 DELTA BLOOD BANK, STOCKTON, CALIF.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

CPD

289 HOSPITAL UNIVERSITY OF PENNSYLVANIA BLOOD BANK, PHILADELPHIA, PA.

Blood and Blood Derivatives

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Human Serum

Anti-K Serum (Anti-Kell)

Anti-Rh Typing Serums:

Anti-Rh₀ (Anti-D)

290 PINEVIEW GENERAL HOSPITAL BLOOD BANK, VALDOSTA, GA.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

CPD

295 COMMUNITY BLOOD BANK AND SERUM SERVICE, HOBOKEN, N.J.

Blood and Blood Derivatives

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Heparin

296 MIDWEST BLOOD SERVICE, INC., DETROIT, MICH.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

298 LEWISTON-CLARKSTON BLOOD BANK, LEWISTON, IDAHO

Blood and Blood Derivatives

Whole Blood (Human)

ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

299 DELMONT LABORATORIES, INC., SWARTHMORE, PA.

Bacterial Antigens

1 Polyvalent bacterial antigen with "No U.S.
Standard of Potency"

300 MASSACHUSETTS GENERAL HOSPITAL, BOSTON, MASS.

Blood and Blood Derivatives

Red Blood Cells (Human)

Whole Blood (Human)

ACD

301 CLEVELAND BIOLOGICALS, INC., CLEVELAND, OHIO with location at:
Akron, Ohio

Blood and Blood Derivatives

Whole Blood (Human)

ACD

CPD

Heparin

302 COMMUNITY BLOOD BANK OF THE KANSAS CITY AREA, INC.,
KANSAS CITY, MO.

Blood and Blood Derivatives

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

CPD

Heparin

304 LANE MEMORIAL BLOOD BANK, EUGENE, OREG.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

305 INTERSTATE BLOOD BANK, INC., OF CHICAGO, ILLINOIS, CHICAGO, ILL.

Blood and Blood Derivatives

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Heparin

306 PUREX LABORATORIES, INC., HANOVER, N.J.

Miscellaneous

Allergenic Extracts

LIC. NO. ESTABLISHMENT AND PRODUCT

308 GREER LABORATORIES, INC., LENOIR, N.C.

Miscellaneous
Allergenic Extracts

309 SUBURBAN HOSPITAL BLOOD BANK, BETHESDA, MD.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

310 ARLINGTON HOSPITAL BLOOD BANK, ARLINGTON, VA.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

312 WORLD BLOOD BANK, INC., TULSA, OKLA.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
Heparin

313 SOUTHEASTERN GENERAL HOSPITAL, INC., LUMBERTON, N.C.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
CPD

314 BLOOD BANK, N.C. MEMORIAL HOSPITAL, UNIVERSITY OF NORTH CAROLINA,
CHAPEL HILL, N.C.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

315 CENTRAL CALIFORNIA BLOOD BANK, FRESNO, CALIF.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
CPD

316 MAINE MEDICAL CENTER BLOOD BANK, PORTLAND, MAINE

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LIC.NO. ESTABLISHMENT AND PRODUCT

317 ST. VINCENT HOSPITAL BLOOD BANK, ERIE, PA.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

320 GARDEN STATE BLOOD BANK, NEWARK, N.J.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

321 NATIONAL BLOOD PRODUCTS, INC., NEW YORK, N.Y.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

325 A/B KABI, STOCKHOLM, SWEDEN

Miscellaneous
Streptokinase

326 NEW HANOVER MEMORIAL HOSPITAL BLOOD BANK, WILMINGTON, N.C.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

327 THE ELIZABETH GENERAL HOSPITAL AND DISPENSARY, ELIZABETH, N.J.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
CPD

332 TRI-CITIES BLOOD SERVICE, INC., JOHNSON CITY, TENN.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

333 CENTRAL BLOOD SERVICE, INC., BALTIMORE, MD.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

- | LIC. NO. | ESTABLISHMENT AND PRODUCT |
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| 334 | BERKELEY BIOLOGICALS, BERKELEY, CALIF.

<i>Miscellaneous</i>
Allergenic Extracts |
| 336 | EASTERN BLOOD BANK, JERSEY CITY, N.J.

<i>Blood and Blood Derivatives</i>
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin |
| 337 | GLAXO LABORATORIES, LTD., GREENFORD, MIDDLESEX, ENGLAND

<i>Bacterial Vaccines</i>
BCG Vaccine |
| 338 | PFIZER, LTD., SANDWICH, KENT, ENGLAND

<i>Viral and Rickettsial Vaccines</i>
Poliovirus Vaccine, Live, Oral, Trivalent
Poliovirus Vaccine, Live, Oral, Type 1
Poliovirus Vaccine, Live, Oral, Type 2
Poliovirus Vaccine, Live, Oral, Type 3 |
| 339 | HARRISON COUNTY BLOOD BANK, CLARKSBURG, W.VA.

<i>Blood and Blood Derivatives</i>
Whole Blood (Human)
ACD |
| 344 | SPECTRA BIOLOGICALS DIVISION BECTON-DICKINSON & CO., OXNARD, CALIF.

<i>Diagnostic Substances for Laboratory Tests</i>
Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Dia Serum (Anti-Diego)
Anti-Fya Serum (Anti-Duffy)
Anti-Fyb Serum
Anti-Human Serum
Anti-Jka Serum (Anti-Kidd)
Anti-Jsa Serum (Anti-Sutter)
Anti-k Serum (Anti-Cellano)
Anti-K Serum (Anti-Kell)
Anti-Kpa Serum (Anti-Penney)
Anti-Kpb Serum (Anti-Rautenberg)
Anti-M Serum
Anti-Mia Serum (Anti-Miltnerberger)
Anti-P Serum |

LIC. NO. ESTABLISHMENT AND PRODUCT

344 SPECTRA BIOLOGICALS (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho⁺ (Anti-CD)
 Anti-Rho⁺ (Anti-DE)
 Anti-Rhorh⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-rh^W (Anti-C^W)
 Anti-S Serum
 Anti-s Serum
 Reagent Red Blood Cells (Human)

345 SCIENTIFIC BLOOD BANK, INC., CHICAGO, ILL.

Blood and Blood Derivatives

Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 CPD
 Heparin

346 OHIO VALLEY BLOOD SERVICE, INC., EVANSVILLE, IND.

Blood and Blood Derivatives

Red Blood Cells (Human)
 Whole Blood (Human)
 ACD

347 BANCO DE SANGRE METROPOLITANO, INC., SANTURCE, P.R.

Blood and Blood Derivatives

Whole Blood (Human)
 ACD

348 DES MOINES COUNTY MEDICAL SOCIETY BLOOD BANK, INC.,
 BURLINGTON, IOWA

Blood and Blood Derivatives

Whole Blood (Human)
 ACD

349 SCHERING CORPORATION, PORT READING, N.J.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Fy^a Serum (Anti-Duffy)
 Anti-Human Serum
 Anti-Jka Serum (Anti-Kidd)
 Anti-Jkb Serum
 Anti-K Serum (Anti-Kell)

LIC.NO. ESTABLISHMENT AND PRODUCT

349 SCHERING CORPORATION (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-M Serum
Anti-N Serum
Anti-P Serum
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Anti-Rh₀⁺ (Anti-CD)
Anti-Rh₀⁺ (Anti-DE)
Anti-Rh₀rh⁺rh⁺ (Anti-CDE)
Anti-rh⁺ (Anti-C)
Anti-rh⁺ (Anti-E)
Anti-hr⁺ (Anti-c)
Anti-hr⁺ (Anti-e)
Anti-rh^W (Anti-C^W)
Anti-S Serum
Anti-s Serum
Reagent Red Blood Cells (Human)

351 EVANS MEDICAL LIMITED, SPEKE, LIVERPOOL, ENGLAND

Diagnostic Substances for Dermal Tests

Tuberculin
Purified Protein Derivative

354 NEW ORLEANS BLOOD BANK, NEW ORLEANS, LA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD
Heparin

355 ALEXANDRIA HOSPITAL BLOOD BANK, ALEXANDRIA, VA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

356 DAYTON BIOLOGICALS, INC., DAYTON, OHIO

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

357 GREENVILLE GENERAL HOSPITAL BLOOD BANK, GREENVILLE, S.C.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

- 358 INSTITUTE PLANT EMPLOYEES' BLOOD BANK, UNION CARBIDE CORP.,
INSTITUTE, W.VA.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

- 359 PRINCETON LABORATORY PRODUCTS CO., PRINCETON, N.J.

Diagnostic Substances for Laboratory Tests

Anti-Human Chorionic Gonadotropic Serum

- 360 MERCED COUNTY GENERAL HOSPITAL BLOOD BANK, MERCED, CALIF.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

- 361 BLOOD BANK OF ALASKA, INC., ANCHORAGE, ALASKA

Blood and Blood Derivatives

Whole Blood (Human)

ACD

- 362 MILES LABORATORIES, INC., ELKHART, IND. with location at:
West Haven, Conn.

Blood and Blood Derivatives

Radio-Iodinated (I¹²⁵) Serum Albumin (Human)

Radio-Iodinated (I¹³¹) Serum Albumin (Human)

Diagnostic Substances for Laboratory Tests

Anti-Human Chorionic Gonadotropic Serum

Miscellaneous

Allergenic Extracts

Allergenic Extracts Alum Precipitated

Poison Ivy Extract Alum Precipitated

- 363 ORGANON, INC., WEST ORANGE, N.J.

Diagnostic Substances for Laboratory Tests

Anti-Human Chorionic Gonadotropic Serum

- 364 BEECHAM GROUP LTD., WORTHING, SUSSEX, ENGLAND

Miscellaneous

Allergenic Extracts

- 365 FAIRFAX HOSPITAL BLOOD BANK, FALLS CHURCH, VA.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

366 SCOTT COUNTY MEDICAL SOCIETY BLOOD BANK, INC., DAVENPORT, IOWA

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

368 DUNKLIN COUNTY MEMORIAL HOSPITAL, KENNETT, MO.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
CPD

369 HOLY CROSS HOSPITAL OF SILVER SPRING BLOOD BANK,
SILVER SPRING, MD.

Blood and Blood Derivatives
Red Blood Cells (Human)
Whole Blood (Human)
ACD

372 BROEMMEL PHARMACEUTICALS, SAN FRANCISCO, CALIF.

Miscellaneous
Poison Ivy Extract
Poison Oak Extract

373 ROCK ISLAND COUNTY BLOOD BANK, INC., ROCK ISLAND, ILL.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

374 ATLANTIC CLINICAL LABORATORY BLOOD BANK, INC., MIAMI BEACH, FLA.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
CPD

375 BLOOD BANK OF THE MARYLAND GENERAL HOSPITAL, BALTIMORE, MD.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

LIC.NO.	ESTABLISHMENT AND PRODUCT
376	PHILIPS ROXANE, INC., ST. JOSEPH, MO. <i>Viral and Rickettsial Vaccines</i> Measles Virus Vaccine, Live, Attenuated Rubella Virus Vaccine, Live
378	N.V. ORGANON, OSS, THE NETHERLANDS <i>Diagnostic Substances for Laboratory Tests</i> Anti-Human Chorionic Gonadotropic Serum
379	CENTRAL LABORATORY OF THE NETHERLANDS RED CROSS, BLOOD TRANSFUSION SERVICE, AMSTERDAM, THE NETHERLANDS <i>Blood and Blood Derivatives</i> Immune Serum Globulin (Human)
380	SIBLEY MEMORIAL HOSPITAL, WASHINGTON, D.C. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD Heparin
381	THE ROOSEVELT HOSPITAL, NEW YORK, N.Y. <i>Miscellaneous</i> Allergenic Extracts
382	NYEGAARD & CO. A/S, OSLO, NORWAY <i>Blood and Blood Derivatives</i> Modified Plasma (Bovine)
383	ADVANCE BIOFACTURES CORPORATION, LYNBROOK, N.Y. <i>Miscellaneous</i> Collagenase
384	INSTITUT MERIEUX, LYON, FRANCE <i>Diagnostic Substances for Dermal Tests</i> Tuberculin Old

LIC. NO. ESTABLISHMENT AND PRODUCT

- 386 COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK, INC.,
 THE NEW YORK BLOOD CENTER, NEW YORK, N.Y.

Blood and Blood Derivatives
Normal Serum Albumin (Human)
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

- 387 PHOEBE PUTNEY MEMORIAL HOSPITAL BLOOD BANK, ALBANY, GA.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
CPD

- 388 MEDICAL CENTER BLOOD BANK, COLUMBUS, GA.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

- 389 COMMUNITY BLOOD BANK OF CENTRAL IOWA, DES MOINES, IOWA

Blood and Blood Derivatives
Whole Blood (Human)
ACD

- 390 ST. BARNABAS HOSPITAL FOR CHRONIC DISEASES, BRONX, N.Y.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

- 391 MEDIX, INC., CHICAGO, ILL.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

- 392 WASHINGTON HOMOEOPATHIC PHARMACY, WASHINGTON, D.C.

Miscellaneous
Poison Ivy Extract

- 393 N.V. PHILIPS-DUPHAR, WEESP AND OLST, THE NETHERLANDS

Viral and Rickettsial Vaccines
Influenza Virus Vaccine

LIC. NO. ESTABLISHMENT AND PRODUCT

394 COMMUNITY BLOOD CENTER, DAYTON, OHIO

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

395 PERTH AMBOY GENERAL HOSPITAL, PERTH AMBOY, N.J.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

396 NATIONAL BLOOD SERVICE, INC., BALTIMORE, MD.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
Heparin

397 LABORATORIO Y BANCO DE SANGRE ARRECHE, SANTURCE, P.R.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

398 COMMUNITY BLOOD BANK OF MARION COUNTY, INC., INDIANAPOLIS, IND.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

399 BLOOD BANK OF DEACONESS HOSPITAL, INC., EVANSVILLE, IND.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

400 NATIONAL BLOOD SERVICE OF PHILADELPHIA, INC., PHILADELPHIA, PA.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

LIC. NO. ESTABLISHMENT AND PRODUCT

401 CHATTANOOGA BLOOD CENTER, INC., CHATTANOOGA, TENN.

Blood and Blood Derivatives

Red Blood Cells (Human)

Whole Blood (Human)

ACD

CPD

Heparin

402 STANFORD UNIVERSITY HOSPITAL BLOOD BANK, PALO ALTO, CALIF.

Blood and Blood Derivatives

Cryoprecipitated Antihemophilic Factor (Human)

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

CPD

Heparin

403 ST. JOSEPH HOSPITAL, INC., BALTIMORE, MD.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

404 BLOOD BANK AND SERUM SERVICE, INC., NEW YORK, N.Y.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

405 HARRISBURG POLYCLINIC HOSPITAL, HARRISBURG, PA.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

406 LAS AMERICAS LABORATORY AND BLOOD BANK, INC., HATO REY, P.R.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

407 ALLERGY LABORATORIES OF OHIO, INC., COLUMBUS, OHIO

Miscellaneous

Allergenic Extracts

408 UNITED LABORATORIES, INC., ATLANTA, GA.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

LIC.NO. ESTABLISHMENT AND PRODUCTS

409 ANDREN, INC., FORT MYERS, FLA.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
CPD

410 TRI-CITIES BLOOD SERVICE OF AUGUSTA, INC., AUGUSTA, GA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

411 MID-SOUTH BLOOD SERVICE, INC., MEMPHIS, TENN.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

412 ALLERGY SPECIFICS, INC., NEW YORK, N.Y.

Miscellaneous

Allergenic Extracts

413 NORTH AMERICAN BIOLOGICALS, INC., FORT LAUDERDALE, FLA.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
CPD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Rh Typing Serums:
Anti-Rh₀" (Anti-DE)
Anti-rh" (Anti-E)

414 AMERICAN BLOOD COMPONENTS, INC., MEMPHIS, TENN.

Blood and Blood Derivatives

Single Donor Plasma (Human)

415 METABOLIC, INC., HOUSTON, TEX.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

415 METABOLIC, INC. (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Human Serum
 Anti-K Serum (Anti-Kell)
 Anti-Rh Typing Serums:
 Anti-rh' (Anti-C)
 Anti-Rho (Anti-D)
 Reagent Red Blood Cells (Human)

416 BIOPRODUCTS RESEARCH LABORATORIES, INC., TEMPE, ARIZ.

Diagnostic Substances for Dermal Tests
 Coccidioidin

417 STATE UNIVERSITY HOSPITAL, UPSTATE MEDICAL CENTER, SYRACUSE, N.Y.

Blood and Blood Derivatives

Whole Blood (Human)
 ACD

418 ALLIED PLASMA CORP., MIAMI, FLA.

Blood and Blood Derivatives

Whole Blood (Human)
 ACD

419 COLUMBUS BIOLOGICALS, INC., COLUMBUS, OHIO

Blood and Blood Derivatives

Whole Blood (Human)
 ACD
 CPD

420 EASTERN BIOLOGICALS, INC., MIAMI, FLA.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-Human Serum
 Anti-Rh Typing Serums:
 Anti-Rhorh'rh" (Anti-CDE)
 Anti-Rho (Anti-D)

421 GEORGIA BLOOD BANK & SERUM LABORATORIES, INC., AUGUSTA, GA.

Blood and Blood Derivatives

Whole Blood (Human)
 ACD

LIC. NO.	ESTABLISHMENT AND PRODUCT
422	AMERICAN BLOOD BANK SERVICE, INC., MIAMI, FLA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD
423	GCI LABORATORIES, INC., CLEARWATER, FLA. <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Whole Blood (Human) CPD
425	HOMER D. COBB MEMORIAL HOSPITAL, PHENIX CITY, ALA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) CPD
427	WELLCOME REAGENTS LIMITED, BECKENHAM, KENT, ENGLAND <i>Diagnostic Substances for Laboratory Tests</i> Anti-Human Chorionic Gonadotropic Serum <i>Miscellaneous</i> Russell Viper Venom
428	COMMUNITY BLOOD COUNCIL OF MERCER COUNTY, INC., TRENTON, N.J. <i>Blood and Blood Derivatives</i> Whole Blood (Human) CPD
429	PENINSULA GENERAL HOSPITAL OF WICOMICO COUNTY, SALISBURY, MD. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD
430	RECHERCHE ET INDUSTRIE THERAPEUTIQUES S.A., RIXENSART, BELGIUM <i>Viral and Rickettsial Vaccines</i> Rubella Virus Vaccine, Live
431	ST. FRANCIS HOSPITAL, INC. COLUMBUS, GA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

432 RALEIGH BLOOD CENTER, DIVISION NORTH CAROLINA STATE
 BLOOD CENTERS, INC., RALEIGH, N.C.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

433 "BIOTEST"-SERUM-INSTITUT GMBH, FRANKFURT/MAIN, WEST GERMANY

Diagnostic Substances for Laboratory Tests
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum

ALPHABETICAL LIST OF BIOLOGIC PRODUCTS WITH LICENSE NUMBERS
OF ESTABLISHMENTS LICENSED FOR EACH PRODUCT

PART III

PRODUCT	LICENSE NUMBER
Absorbed Anti-A Serum	139, 140, 155, 156, 157, 158, 159, 164, 165, 179, 344
Adenovirus and Influenza Virus Vaccines Combined Aluminum Phosphate Adsorbed	1
Adenovirus Vaccine	1, 3
Aggregated Radio-Iodinated (113I) Albumin (Human)	43, 52, 77
Allergenic Extracts	1, 17, 56, 84, 91, 103, 107, 119, 147, 152, 193, 306, 308, 334, 362, 364, 381, 407, 412
Allergenic Extracts Alum Precipitated	362
Anthrax Vaccine Adsorbed	99
Anti-A Blood Grouping Serum	17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 168, 179, 181, 185, 187, 235, 289, 344, 349, 413, 415, 420, 433
Anti-B Blood Grouping Serum	17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 168, 179, 181, 185, 187, 204, 235, 289, 344, 349, 413, 415, 420, 433
Anti-A,B Blood Grouping Serum	17, 43, 139, 140, 149, 156, 157, 158, 164, 165, 179, 289, 344, 349, 415
Anti-Dia Serum (Anti-Diego)	164, 179, 344
Anti-Fya Serum (Anti-Duffy)	17, 43, 140, 155, 156, 157, 159, 164, 166, 179, 344, 349
Anti-Fyb Serum	164, 179, 344
Anti-Gr(Vw) Serum	159
Antihemophilic Factor (Human)	1, 52, 140, 171
Antihemophilic Globulin (Human)	99
Antihemophilic Plasma (Human)	113, 140, 165, 171
Anti-Hemophilus influenzae Type b Serum	99
Anti-Human Chorionic Gonadotropic Serum	1, 136, 140, 156, 359, 362, 363, 378, 427
Anti-Human Serum	17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 168, 179, 181, 187, 289, 344, 349, 415, 420

PRODUCT	LICENSE NUMBER
Anti-Influenza Virus Serum for the Hemagglutination Inhibition Test	1
Anti-I Serum	140
Anti-Jka Serum (Anti-Kidd)	159, 164, 179, 344, 349
Anti-Jkb Serum	164, 349
Anti-Jsa Serum (Anti-Sutter)	344
Anti-k Serum (Anti-Cellano)	155, 156, 157, 164, 179, 344
Anti-K Serum (Anti-Kell)	17, 139, 140, 149, 155, 156, 157, 159, 164, 165, 166, 179, 289, 344, 349, 415
Anti-Kpa Serum (Anti-Penney)	159, 164, 179, 344
Anti-Kpb Serum (Anti-Rautenberg)	164, 344
Anti-Kpb and Anti-K Serum (Anti-Rautenberg and Anti-Kell)	159
Anti-Lea Serum (Anti-Lewis)	140, 149, 159, 164, 179
Anti-Lab Serum	159, 179
Anti-Lua Serum (Anti-Lutheran)	164
Anti-M Serum	17, 43, 139, 140, 149, 155, 156, 157, 159, 164, 168, 179, 344, 349
Anti-M9 Serum	159, 179
Anti-Mia Serum (Anti-Miltnerberger)	344
Anti-N Serum	17, 139, 140, 149, 157, 164, 168, 179, 349
Anti-P Serum	156, 157, 159, 164, 179, 344, 349
Antirabies Serum	17, 238
Anti-Rh Typing Serums:	
Anti-Rho (Anti-D)	17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 168, 179, 181, 185, 187, 235, 289, 344, 349, 415, 420
Anti-Rho ⁺ (Anti-CD)	17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 179, 185, 187, 344, 349
Anti-Rho ⁺ (Anti-DE)	43, 139, 140, 149, 155, 156, 157, 158, 164, 165, 179, 344, 349, 413
Anti-Rhorh ⁺ rh ⁺ (Anti-CDE)	17, 43, 139, 140, 149, 156, 157, 158, 164, 165, 179, 187, 344, 349, 420

PRODUCT	LICENSE NUMBER
Anti-rh' (Anti-C)	17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 179, 185, 344, 349
Anti-rh" (Anti-E)	17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 179, 185, 344, 349, 413
Anti-hr' (Anti-c)	17, 43, 139, 140, 149, 155, 156, 157, 164, 165, 166, 179, 185, 344, 349, 415
Anti-hr" (Anti-e)	17, 43, 139, 140, 149, 155, 156, 157, 159, 164, 165, 166, 179, 344, 349
Anti-hrV (Anti-V)	164
Anti-rhW (Anti-CW)	17, 140, 156, 157, 159, 164, 179, 344, 349
Anti-Rho + δ_{60} (Anti-D + Du)	159
Anti-rhW & Anti-K Serum (Anti-(CW+Kell))	155
Anti-S Serum	140, 156, 157, 159, 164, 179, 344, 349
Anti-s Serum	17, 140, 156, 157, 164, 179, 344, 349
Anti-U Serum (Anti-Ss)	149, 164
Anti-Xga Serum	179
Antivenin (Crotalidae) Polyvalent	3
Antivenin (<i>Laotrodeotus mactans</i>)	2
Antivenin (<i>Micrurus fulvius</i>)	3
Anti-Wra Serum (Anti-Wright)	159
Bacterial antigens with "No U.S. Standard of Potency"	238
BCG Vaccine	73, 188, 337
<i>B. oedematiens</i> Antitoxin	1
Blood Group Specific Substance A	149, 164
Blood Group Specific Substance B	149, 164
Blood Group Specific Substances A and B	2, 149
Botulism Antitoxin	17, 73
Blastomycin	1
Brucella Skin Test Antigen	2
Cholera Vaccine	2, 3, 17, 56, 101

PRODUCT	LICENSE NUMBER
Cobra Venom with Silicic and Formic Acids	125
Cobra Venom Solution	125
Coccidioidin	8, 416
Collagenase	383
Cryoprecipitated Antihemophilic Factor (Human)	402
Diphtheria Antitoxin	3, 17, 56, 64, 73, 99, 101, 238
Diphtheria and Tetanus Toxoids	1, 56
Diphtheria and Tetanus Toxoids Adsorbed	1, 3, 17, 56, 64, 99, 110, 121
Diphtheria and Tetanus Toxoids and Pertussis Vaccine	1, 17, 56, 101
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed	1, 2, 3, 17, 56, 64, 99, 101, 110, 121
Diphtheria & Tetanus Toxoids & Pertussis & Poliomyelitis Vaccines Adsorbed	1
Diphtheria & Tetanus Toxoids & Pertussis Vaccine Adsorbed & Poliomyelitis Vaccine	1, 2, 56
Diphtheria Toxin for Schick Test	1, 3, 56, 64, 99, 121
Diphtheria Toxoid	1, 3, 64, 73, 101, 110, 121, 238
Diphtheria Toxoid Adsorbed	1, 3, 97, 99, 121, 238
Diphtheria Toxoid and Pertussis Vaccine Adsorbed	110
Factor IX Complex (Human)	8, 140
Fibrinogen (Human)	2, 8, 52, 99, 140, 156
Fibrinogen with Antihemophilic Factor (Human)	2
Fibrinolysin (Human)	2, 156
Fibrinolysin and Desoxyribonuclease Combined (Bovine)	1, 2
Fibrinolysin and Desoxyribonuclease Combined (Bovine) with Chloramphenicol	1
Gas Gangrene Polyvalent Antitoxin	3, 17, 101, 129
<i>influenzae</i> Typing Serum	140
"	1

PRODUCT	LICENSE NUMBER
Histoplasmin	1, 17, 99
Immune Globulin (Human), Pepsin-Modified	2
Immune Serum Globulin (Human)	1, 2, 8, 17, 52, 64, 99, 110, 140, 149, 156, 171, 258, 379
Influenza Virus Hemagglutinating Antigen	1
Influenza Virus Vaccine	1, 2, 3, 17, 56, 101, 110, 393
Lymphogranuloma Venereum Antigen	17, 52
Measles Immune Globulin (Human)	1, 17, 56, 140
Measles-Smallpox Vaccine, Live	2
Measles Virus Vaccine, Inactivated	56
Measles Virus Vaccine, Live, Attenuated	2, 17, 56, 110, 376
Modified Plasma (Bovine)	382
Mumps Immune Globulin (Human)	8, 140
Mumps Skin Test Antigen	56
Mumps Vaccine	17, 56
Mumps Virus Vaccine, Live	2
Normal Horse Serum	2, 3, 99
Normal Human Plasma	113, 165, 171, 182, 185, 187, 192, 215
Normal Human Serum	113
Normal Rabbit Serum	99
Normal Serum Albumin (Human)	1, 2, 8, 17, 52, 64, 73, 99, 110, 140, 149, 156, 171, 258, 386
Oxophenarsine Hydrochloride	1
Perfringens Antitoxin	1, 56
Pertussis Immune Globulin (Human)	8, 140
Pertussis Vaccine	1, 3, 17, 56, 99, 101, 110, 121
Pertussis Vaccine Adsorbed	99
Plague Vaccine	8
Plasma Protein Fraction (Human)	8, 140, 149, 171, 258
Pneumococcus Typing Serum	99
Poison Ivy Extract	1, 2, 8, 91, 102, 119, 372, 392

PRODUCT	LICENSE NUMBER
Poison Ivy Extract Alum Precipitated	362
Poison Ivy-Oak-Sumac Extracts Combined	119
Poison Ivy-Poison Oak Extracts Combined	91
Poison Oak Extract	8, 91, 372
Poison Sumac Extract	119
Poliomyelitis Immune Globulin (Human)	139, 171
Poliomyelitis Vaccine	1, 2, 8, 56, 73, 110
Poliomyelitis Vaccine Adsorbed	1
Poliovirus Vaccine, Live, Oral, Trivalent	3, 17, 338
Poliovirus Vaccine, Live, Oral, Type 1	3, 17, 338
Poliovirus Vaccine, Live, Oral, Type 2	3, 17, 338
Poliovirus Vaccine, Live, Oral, Type 3	3, 17, 338
Polyvalent bacterial antigens with "No U.S. Standard of Potency"	1, 2, 56, 283, 299
Polyvalent bacterial vaccines with "No U.S. Standard of Potency"	1, 56, 91, 101
Polyvalent modified bacterial antigens with "No U.S. Standard of Potency"	1
Polyvalent sensitized bacterial vaccines with "No U.S. Standard of Potency"	2
Profibrinolysin (Human)	156
Pseudomonas Polysaccharide	140
Rabies Vaccine	1, 17, 56, 99, 101, 121
Radio Chromated (Cr51) Serum Albumin (Human)	52
Radio-Iodinated (I125) Serum Albumin (Human)	43, 52, 77, 362
Radio-Iodinated (I131) Serum Albumin (Human)	43, 52, 77, 362
Reagent Blood Group Specific Substances A and B	179
Reagent Red Blood Cells (Human)	139, 140, 149, 156, 157, 164, 168, 179, 235, 344, 349, 415

PRODUCT	LICENSE NUMBER
Red Blood Cells (Human)	113, 139, 140, 164, 165, 166, 168, 169, 171, 175, 181, 182, 183, 185, 187, 190, 191, 194, 195, 198, 201, 202, 203, 212, 215, 221, 222, 224, 228, 234, 235, 240, 241, 246, 254, 269, 270, 272, 274, 278, 289, 295, 300, 302, 305, 314, 321, 336, 345, 346, 366, 369, 371, 373, 386, 394, 400, 401, 402, 409, 413, 423
Rh ₀ (D) Immune Globulin (Human)	156
Rocky Mountain Spotted Fever Vaccine	17
Rubella and Mumps Virus Vaccine, Live	2
Rubella Virus Vaccine, Live	2, 376, 430
Russell Viper Venom	427
Schick Test Control	56, 64, 99, 121
Single Donor Plasma (Human)	113, 139, 164, 165, 166, 169, 173, 182, 183, 185, 187, 190, 191, 194, 198, 201, 202, 203, 221, 222, 224, 234, 235, 240, 246, 254, 269, 272, 274, 278, 289, 295, 302, 305, 314, 321, 336, 345, 366, 373, 386, 394, 400, 402, 409, 413, 414
Smallpox Vaccine	1, 2, 3, 8, 17, 56, 64, 73, 99, 101
Staphylococcus Antitoxin	73
Staphylococcus Toxoid	1, 17, 73, 101, 110, 238
Staphylococcus Toxoid & Bacterial Antigen made from Staph. (Albus & Aureus)	1, 52
Staphylococcus Toxoid & Bacterial Vaccine made from Staphylococcus (Aureus)	101
Staphylococcus Toxoid-Streptococcus Toxin Bacterial Vaccine made from Staphylococcus (Aureus), Streptococcus (Hemolyticus), Pneumococcus and Hemophilus Influenzae	101
Streptococcus Erythrogenic Toxin	101
Streptokinase	325
Streptokinase-Streptodornase	17, 97
Tetanus Antitoxin	1, 3, 17, 21, 56, 64, 73, 99, 101, 129, 238
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)	2, 3, 17, 56, 64, 101, 121
Tetanus & Gas Gangrene Polyvalent Antitoxin	1, 3, 17, 56, 101

PRODUCT	LICENSE NUMBER
Tetanus Immune Globulin (Human)	1, 2, 3, 8, 17, 52, 64, 99, 110, 140, 171, 258
Tetanus Toxoid	1, 2, 3, 8, 17, 56, 64, 73, 101, 110, 121, 238
Tetanus Toxoid Adsorbed	1, 2, 3, 17, 21, 56, 64, 97, 99, 101, 110, 121, 238
Thrombin	1, 51, 156
Trichinella Extract	17
Tuberculin	
Old	1, 17, 56, 64, 99, 121, 384
Purified Protein Derivative	1, 2, 73, 351
Typhoid Vaccine	2, 3, 56, 64, 99, 101, 110, 121
Typhoid and Paratyphoid Vaccine	1, 17, 56, 64, 99, 101, 110
Typhus Vaccine	2, 17, 56
V. <i>septica</i> Antitoxin	56
Vaccinia Immune Globulin (Human)	140
Whole Blood (Human)	
ACD	84, 99, 113, 139, 140, 154, 164, 165, 166, 167, 168, 169, 170, 171, 173, 175, 178, 181, 182, 183, 185, 187, 190, 191, 192, 194, 195, 197, 198, 199, 201, 202, 203, 204, 209, 212, 213, 214, 215, 218, 220, 221, 222, 224, 226, 227, 228, 230, 231, 233, 234, 235, 237, 239, 240, 241, 244, 246, 248, 249, 251, 254, 259, 260, 261, 263, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 276, 277, 278, 284, 286, 288, 289, 290, 295, 296, 298, 300, 301, 302, 304, 305, 309, 310, 312, 313, 314, 315, 316, 317, 320, 321, 326, 327, 332, 333, 336, 339, 345, 346, 347, 348, 354, 355, 356, 357, 358, 360, 361, 365, 366, 368, 369, 371, 373, 374, 375, 380, 386, 387, 388, 389, 390, 391, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 408, 409, 410, 411, 413, 415, 417, 418, 419, 421, 422, 429, 431, 432
CPD	113, 140, 187, 195, 212, 214, 215, 228, 230, 231, 233, 237, 246, 248, 254, 259, 267, 269, 270, 271, 288, 290, 301, 302, 312, 313, 315, 327, 345, 354, 356, 366, 368, 373, 374, 380, 387, 398, 399, 401, 402, 409, 413, 419, 423, 425, 428, 429

PRODUCT	LICENSE NUMBER
Whole Blood (Human)	
Heparin	113, 164, 165, 166, 169, 173, 182, 185, 190, 191, 212, 221, 222, 224, 240, 241, 254, 268, 269, 272, 274, 295, 301, 302, 305, 321, 336, 345, 354, 380, 386, 396, 400, 401, 402, 415
Yellow Fever Vaccine	101

ALPHABETICAL LIST OF BIOLOGIC PRODUCTS BY CATEGORY

PART IV

ANTITOXINS

B. oedematiens Antitoxin
Botulism Antitoxin
Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Perfringens Antitoxin
Staphylococcus Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin
V. septique Antitoxin

BACTERIAL ANTIGENS

Bacterial antigens with "No U.S. Standard of Potency"
Polyvalent bacterial antigens with "No U.S. Standard of Potency"
Pseudomonas Polysaccharide

BACTERIAL VACCINES

Anthrax Vaccine Adsorbed
BCG Vaccine
Cholera Vaccine
Pertussis Vaccine
Pertussis Vaccine Adsorbed
Plague Vaccine
Polyvalent bacterial vaccines with "No U.S. Standard of Potency"
Typhoid Vaccine
Typhoid and Paratyphoid Vaccine

BLOOD AND BLOOD DERIVATIVES

Aggregated Radio-Iodinated (1131) Albumin (Human)
Antihemophilic Factor (Human)
Antihemophilic Globulin (Human)
Antihemophilic Plasma (Human)
Cryoprecipitated Antihemophilic Factor (Human)
Factor IX Complex (Human)
Fibrinogen (Human)
Fibrinogen with Antihemophilic Factor (Human)
Fibrinolysin (Human)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
Fibrinolysin and Desoxyribonuclease Combined (Bovine) with Chloramphenicol
Histamine Azoprotein
Immune Globulin (Human), Pepsin-Modified
Immune Serum Globulin (Human)
Measles Immune Globulin (Human)
Modified Plasma (Bovine)
Mumps Immune Globulin (Human)
Normal Horse Serum
Normal Human Plasma
Normal Human Serum

BLOOD AND BLOOD DERIVATIVES (Continued)

Normal Rabbit Serum
Normal Serum Albumin (Human)
Pertussis Immune Globulin (Human)
Plasma Protein Fraction (Human)
Pollomyelitis Immune Globulin (Human)
Profibrinolysin (Human)
Radio Chromated (Cr⁵¹) Serum Albumin (Human)
Radio-iodinated (I¹²⁵) Serum Albumin (Human)
Radio-iodinated (I¹³¹) Serum Albumin (Human)
Red Blood Cells (Human)
Rho (D) Immune Globulin (Human)
Single Donor Plasma (Human)
Tetanus Immune Globulin (Human)
Thrombin
Vaccinia Immune Globulin (Human)
Whole Blood (Human)
 ACD
 CPD
 Heparin

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Blastomycin
Brucella Skin Test Antigen
Coccidioidin
Diphtheria Toxin for Schick Test
Histoplasmin
Lymphogranuloma Venereum Antigen
Mumps Skin Test Antigen
Schick Test Control
Tuberculin
 Old
 Purified Protein Derivative

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Dia Serum (Anti-Diego)
Anti-Fya Serum (Anti-Duffy)
Anti-Fyb Serum
Anti-Gr(Vw) Serum
Anti-Human Chorionic Gonadotropic Serum
Anti-Human Serum
Anti-Influenza Virus Serum for the Hemagglutination Inhibition Test
Anti-i Serum
Anti-Jka Serum (Anti-Kidd)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS (Continued)

Anti-Jkb Serum
Anti-Jsa Serum (Anti-Sutter)
Anti-k Serum (Anti-Cellano)
Anti-K Serum (Anti-Kell)
Anti-Kpa Serum (Anti-Penney)
Anti-Kpb Serum (Anti-Rautenberg)
Anti-Kpb and Anti-K Serum (Anti-Rautenberg and Anti-Kell)
Anti-Lea Serum (Anti-Lewis)
Anti-Leb Serum
Anti-Lua Serum (Anti-Lutheran)
Anti-M Serum
Anti-Mg Serum
Anti-Mia Serum (Anti-Miltnerberger)
Anti-N Serum
Anti-P Serum
Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho' (Anti-CD)
 Anti-Rho" (Anti-DE)
 Anti-Rhorh'rh" (Anti-CDE)
 Anti-rh' (Anti-C)
 Anti-rh" (Anti-E)
 Anti-hr' (Anti-c)
 Anti-hr" (Anti-e)
 Anti-hrV (Anti-V)
 Anti-rhW (Anti-CW)
 Anti-Rho + Rh₀ (Anti-D + Du)
Anti-rhW and Anti-K Serum (Anti-(CW+Kell))
Anti-S Serum
Anti-s Serum
Anti-U Serum (Anti-Ss)
Anti-Wra Serum (Anti-Wright)
Anti-Xga Serum
Haemophilus influenzae Typing Serum
Influenza Virus Hemagglutinating Antigen
Pneumococcus Typing Serum
Reagent Red Blood Cells (Human)

MISCELLANEOUS

Allergenic Extracts
Allergenic Extracts Alum Precipitated
Antivenin (Crotalidae) Polyvalent
Antivenin (*Laetrodectus mactans*)
Antivenin (*Micrurus fulvius*)
Blood Group Specific Substance A
Blood Group Specific Substance B
Blood Group Specific Substances A and B
Cobra Venom Solution
Cobra Venom with Silicic and Formic Acids
Collagenase
Oxophenarsine Hydrochloride

MISCELLANEOUS (Continued)

Poison Ivy Extract
Poison Ivy Extract Alum Precipitated
Poison Ivy-Oak-Sumac Extracts Combined
Poison Ivy-Poison Oak Extracts Combined
Poison Oak Extract
Poison Sumac Extract
Reagent Blood Group Specific Substances A and B
Russell Viper Venom
Streptokinase
Streptokinase-Streptodornase
Trichinella Extract

MODIFIED BACTERIAL ANTIGENS

Polyvalent modified bacterial antigens with "No U.S. Standard of Potency"

MULTIPLE ANTIGEN PREPARATIONS

Adenovirus and Influenza Virus Vaccines Combined Aluminum Phosphate Adsorbed
Diphtheria and Tetanus Toxoids
Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria & Tetanus Toxoids & Pertussis Vaccine Adsorbed & Poliomyelitis Vaccine
Diphtheria & Tetanus Toxoids & Pertussis & Poliomyelitis Vaccines Adsorbed
Diphtheria Toxoid and Pertussis Vaccine Adsorbed
Measles-Smallpox Vaccine, Live
Staphylococcus Toxoid and Bacterial Antigen made from Staphylococcus (Albus and Aureus)
Staphylococcus Toxoid and Bacterial Vaccine made from Staphylococcus (Aureus)
Staphylococcus Toxoid-Streptococcus Toxin-Bacterial Vaccine made from Staphylococcus (Aureus), Streptococcus (Hemolyticus), Pneumococcus and Hemophilus Influenzae
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

SENSITIZED BACTERIAL VACCINES

Polyvalent sensitized bacterial vaccines with "No U.S. Standard of Potency"

THERAPEUTIC IMMUNE SERUMS

Anti-Hemophilus influenzae Type b Serum
Antirabies Serum

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Staphylococcus Toxoid
Streptococcus Erythrogenic Toxin
Tetanus Toxoid
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Adenovirus Vaccine
Influenza Virus Vaccine
Measles Virus Vaccine, Inactivated
Measles Virus Vaccine, Live, Attenuated
Mumps Vaccine
Mumps Virus Vaccine, Live
Polioomyelitis Vaccine
Polioomyelitis Vaccine Adsorbed
Poliovirus Vaccine, Live, Oral, Trivalent
Poliovirus Vaccine, Live, Oral, Type 1
Poliovirus Vaccine, Live, Oral, Type 2
Poliovirus Vaccine, Live, Oral, Type 3
Rabies Vaccine
Rocky Mountain Spotted Fever Vaccine
Rubella and Mumps Virus Vaccine, Live
Rubella Virus Vaccine, Live
Smallpox Vaccine
Typhus Vaccine
Yellow Fever Vaccine

